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AVE-SESAME III: 25-MB SOUNDING DATA

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by

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1. Introduction

To date, NASA has conducted seven Atmospheric Variability Experiments (AVE), two Atmospheric Variability and Severe Storms Experiments (AVSSE), and participated in six Atmospheric Variability Experiment - Severe Environmental Storms and Mesoscale Experiments (AVE-SESAME). The dates, observation times, and data reports for each of these experiments for which data have been processed are listed in Table 1. This report contains data and information for the third AVE-SESAME experiment.

The AVE experiments were conducted primarily for the purpose of studying atmospheric variability with emphasis on spatial and temporal changes in atmospheric structure that can be detected from soundings taken at 3-h intervals but not seen in soundings taken at 12-h intervals. The objective of the AVSSE experiments was to study atmospheric structure and variability associated with severe storms combining both rawinsonde and aircraft data to provide information on near-storm environments. From

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Table 1. Summary of AVE experiments.

Experiment	Dates	Observation Times (GMT)	Data Reports
AVE I	19-22 February 1964	2/19 - 00, 03, 06, 09, 12, 15, 18, 21 2/20 - 00, 03, 06, 09, 12, 15, 18, 21 2/21 - 00, 03, 06, 09, 12, 15, 18, 21 2/22 - 00, 03, 06, 09, 12, 15, 18, 21 2/23 - 00	Scoggins and Smith (1973a and b)
AVE II	11-12 May 1974	5/11 - 12, 15, 18, 21 5/12 - 00, 03, 06, 09, 12	Scoggins and Turner (1975) Fuelberg and Turner (1975)
AVE III	6-9 February 1975	2/6 - 00, 06, 12, 15, 18, 21 2/7 - 00, 06, 12	Fuelberg and Turner (1975) Fuelberg et al. (1975)
AVE IV	24-25 April 1975	4/24 - 00, 06, 12, 15, 18, 21 4/25 - 00, 06, 12	Fucik and Turner (1975)
AVSSE I	27-28 April 1975	4/27 - 12, 15, 18, 21 4/28 - 00, 03, 12	Fucik and Turner (1975)
AVSSE II	6-7 May 1975	5/6 - 12, 15, 18, 21 5/7 - 00, 03, 12	Fucik and Turner (1975)
AVE V	11-12 June 1976	6/11 - 00, 12, 15, 18, 21 6/12 - 00, 03, 12	Humbert and Hill (1977)
AVE VI	27-28 May 1977	5/27 - 00, 12, 15, 18, 21 5/28 - 00, 03, 12	Dupuis and Hill (1977)
AVE VII	2-3 May 1978	5/2 - 00, 12, 15, 18, 21 5/3 - 00, 03, 12	Davis et al. (1978)
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21 4/11 - 00, 03, 06, 09, 12	Gerhard et al. (1979)
AVE-SESAME II	19-20 April 1979	4/19 - 12, 15, 18, 21 4/20 - 00, 03, 06, 09, 12	Williams et al. (1980) (In publication)
AVE-SESAME III	25-26 April 1979	4/25 - 12, 15, 18, 21 4/26 - 00, 03, 06, 09, 12	This report

these experiments previous studies have indicated that significant variability and changes in atmospheric structure occur within 12-hr periods, especially near convective systems (Scoggins et al., (1973); Overall and Scoggins, (1975); Wilson and Scoggins, (1976); McCown and Scoggins, (1977); Scott and Scoggins, (1977); Wilson (1976); Fuelberg (1977); Read and Scoggins, (1977); Fuelberg and Scoggins, (1978); and Dupuis and Scoggins, (1979)). These analyses have revealed much concerning severe thunderstorms, but knowledge concerning detailed interactions of convective storms and the ambient atmosphere on a mesoscale are incomplete. AVE-SESAME III, the third in a series of experiments conducted during the Spring of 1979, was designed for this purpose as well as fulfilling AVE and AVSSE objectives.

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME III. The data reduction computer program, description of the data processing method, and the error analysis have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section IV. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports is presented in a separate report entitled "A Preliminary Look at AVE-SESAME III Conducted on 25-26 April 1979." That report is being printed concurrently with this data report.

2. The AVE-SESAME III Experiment

Twenty-three National Weather Service rawinsonde stations and 19 special rawinsonde stations participated in the AVE-SESAME III experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: April 25, 1979 at 1200, 1500, 1800, and 2100 GMT, and April 26, 1979 at 0000, 0300, 0600, 0900, and 1200 GMT.

3. Discussion of Basic Data

3.1 Collection of Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA Marshall Space

Table 2. Rawinsonde stations participating in AVE-SESAME III experiment.

Station Number	Location
<u>NWS Stations</u>	
229 (CKL)	Centerville, Al.
232 (BVE)	Boothville, La.
235 (JAN)	Jackson, Ms.
240 (LCH)	Lake Charles, La.
247 (GGG)	Longview, Tx.
255 (VCT)	Victoria, Tx.
260 (SEP)	Stephenville, Tx.
261 (DRT)	Del Rio, Tx.
265 (MAF)	Midland, Tx.
270 (ELP)	El Paso, Tx.
327 (BNA)	Nashville, Tn.
340 (LIT)	Little Rock, Ar.
349 (UMN)	Monett, Mo.
354 (OCK)	Oklahoma City, Ok.
363 (AMA)	Amarillo, Tx.
365 (ABQ)	Albuquerque, Nm.
433 (SLO)	Salem, Il.
451 (DDC)	Dodge City, Ks.
456 (TOP)	Topeka, Ks.
469 (DEN)	Denver, Co.
532 (PIA)	Peoria, Il.
553 (OMA)	Omaha, Ne.
562 (LBF)	North Platte, Ne.
<u>Special Stations</u>	
001 (ABI)	Abilene, Tx.
002 (BVO)	Bartlesville, Ok.
003 (COU)	Columbia, Mo.
004 (CDS)	Childress, Tx.
005 (CLL)	College Station, Tx.
006 (CNK)	Concordia, Ks.
007 (DUA)	Durant, Ok.
008 (FSM)	Fort Smith, Ar.
009 (GAG)	Gage, Ok.
010 (GLD)	Goodland, Ks.
011 (ICT)	Wichita, Ks.
012 (JCT)	Junction, Tx.
013 (MLU)	Monroe, La.
014 (MRF)	Marfa, Tx.
015 (MTX)	Morton, Tx.
016 (OTM)	Ottumwa, Ia.
017 (POF)	Poplar Bluff, Mo.
018 (RTN)	Raton, Nm.
019 (UOX)	Oxford, Ms.

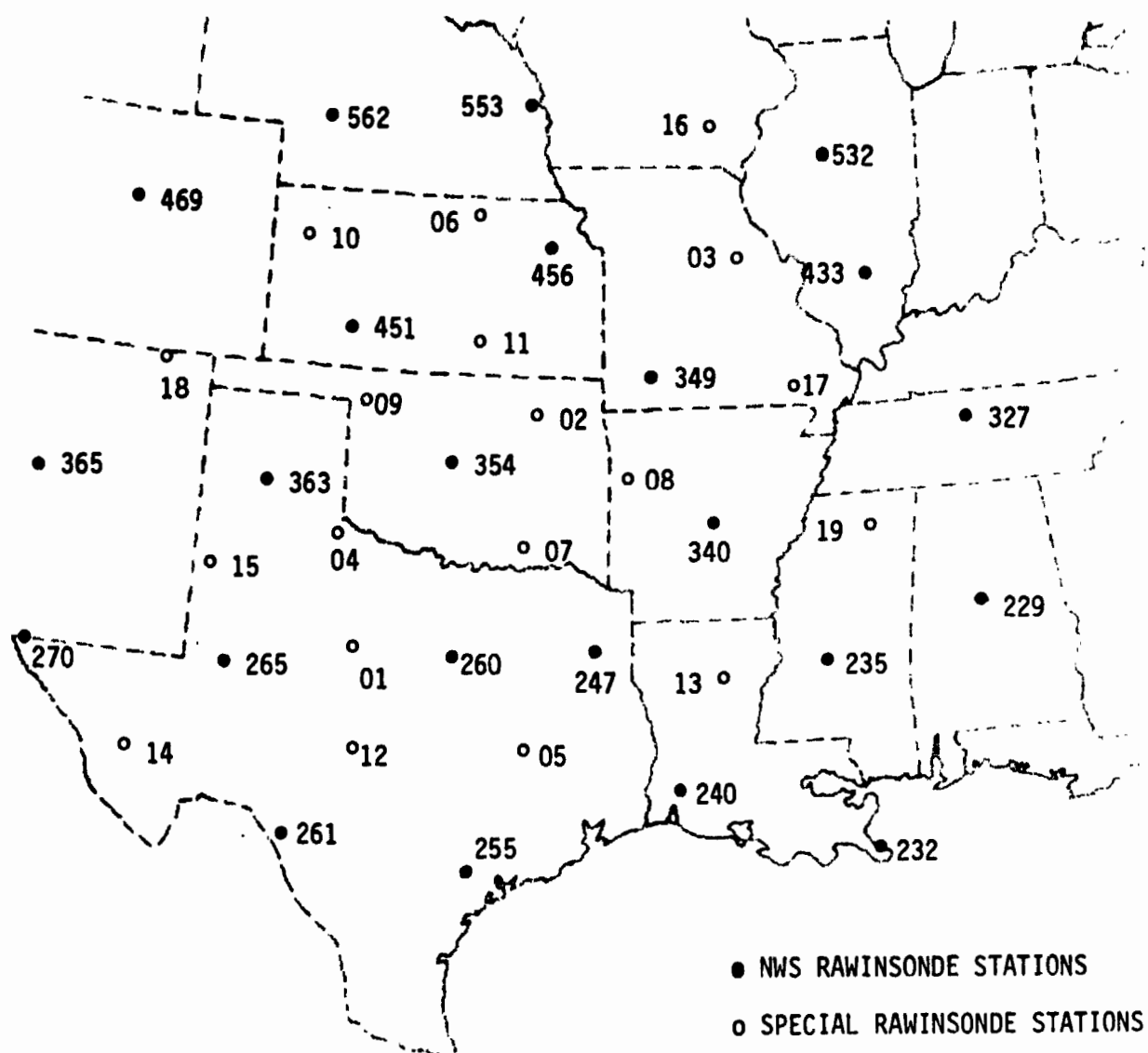


Fig. 1. Location of rawinsonde stations participating in the AVE-SESAME III experiment.

Flight Center (MSFC), Alabama. After initial processing these data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 406V/6 computer.

3.2 Methods of Processing. The procedure used to compute soundings is that used on previous AVEs and is described by Fuelberg (1974) and Fuelberg and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include first differences of calculated temperatures and dew-point temperatures, plotting of constant pressure charts for 850, 500, and 200 mb for all release times, and time cross sections for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

The final data set of the AVE-SESAME III experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences, and subsequently interpolated to each contact or 25-mb level.

It is important to note three procedures employed in the processing of these data. They are: (1) Humidity values, including dew-point temperatures, are computed at temperatures only above -40°C ; at temperatures below -40°C , humidity values are missing and indicated by a field of nines (i.e., 99.9). Moisture values are computed down to a relative humidity of 1%. If the value falls below 1%, it is set equal to 1% and used in the computation of other moisture variables. (2) Winds based on low elevations are denoted by asterisks (one asterisk denotes angles less than 10° but greater than 6° , while two asterisks denote angles less than 6°). Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors. (3) Wind direction and speed are determined by interpolating the 25-mb values of the u- and v-components.

4. Discussion of Sounding Data

4.1 Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVE-SESAME III data are the same as those for all AVE experiments and are given by Fuelberg (1974). These estimates are presented in Table 3.

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME III.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-s winds were maxima for the stated conditions.

4.2 Tabulated Data. An example of AVE-SESAME III contact data is given in Table 5, with an explanation of the column headings in Table 6. A listing of those soundings that were missing or terminated before completion is given in Table 7 along with the reason for early termination.

Table 4. Estimates of RMS errors in AVE-SESAME III wind data.

Pressure	RMS errors (m s^{-1}) in speed		RMS errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

In Table 5, the first line of data for the time of 0.0 minute is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812. The 25-mb data also are available on magnetic tape from the same source.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. The first line of each sounding is surface data which is followed by data from 1000 to 25 millibars (or to termination) successively. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminated before the 25-mb level was reached.

4.3 Soundings of Questionable Validity

Sounding data collected during the AVE-SESAME III experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some of the soundings which may have resulted from undetected errors. In most cases these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the

Table 5. Example of contact sounding data for AVE-SUSATE III.

STATION NO. 229 CENTERVILLE, ALABAMA														
25 APRIL 1979														
ANGLES IN THE MA-9 MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES														
1100 GMT														
TIME MIN	CONTACT	HEIGHT SPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT T DG K	QX RFD CM/KG	3M PCT	15. 1
0.0	7.5	140.0	993.0	17.0	17.0	60.0	5.1	-4.4	-2.5	290.6	322.2	12.4	92.9	0.0 0.
0.1	8.0	174.5	991.0	15.5	15.5	99.9	99.9	99.9	99.9	290.7	320.3	11.5	91.3	932.9 993.
0.4	9.0	260.9	990.0	16.2	15.2	999.9	99.9	99.9	99.9	291.0	319.8	11.2	90.2	999.9 993.
0.9	10.0	357.2	970.0	15.8	14.8	999.9	99.9	99.9	99.9	291.4	319.0	11.0	90.1	999.9 993.
1.1	11.0	458.6	953.0	15.8	14.9	999.9	99.9	99.9	99.9	292.4	321.3	11.1	90.1	999.9 993.
1.4	12.0	552.6	949.0	15.2	14.2	999.9	99.9	99.9	99.9	292.8	320.9	10.8	90.0	999.9 993.
1.9	13.0	642.6	939.0	14.8	13.8	97.3	11.6	-11.5	1.5	293.3	321.1	10.7	91.0	1.0 265.
2.2	14.0	742.7	927.0	14.4	13.4	97.7	12.3	-12.2	1.6	293.8	321.4	10.5	93.9	1.2 255.
2.5	15.0	838.5	917.0	13.6	12.6	97.2	13.2	-13.1	1.7	294.0	320.4	10.1	93.0	1.5 270.
2.9	16.0	936.4	904.0	13.2	12.2	99.8	13.3	-13.1	2.0	294.6	320.8	10.0	93.7	1.8 271.
3.3	17.0	1039.0	896.0	12.8	11.9	101.4	12.5	-12.3	2.5	295.1	321.0	9.8	93.7	2.1 272.
3.7	18.0	1124.5	885.0	12.7	11.7	103.7	11.6	-11.3	2.8	295.9	321.6	9.8	93.6	2.4 274.
4.1	19.0	1270.5	875.0	12.3	11.3	105.5	10.9	-10.5	2.9	296.6	322.3	9.7	93.6	2.6 275.
4.5	20.0	1310.4	868.0	11.2	10.1	105.5	10.8	-10.3	3.1	298.3	320.4	9.0	93.4	2.9 275.
4.9	21.0	1423.4	855.0	11.0	9.9	108.5	10.9	-10.3	3.4	299.2	322.7	9.2	93.4	3.1 276.
5.3	22.0	1521.9	845.0	11.0	9.9	113.2	10.0	-9.2	3.9	299.2	322.7	9.2	93.4	3.4 279.
5.6	23.0	1621.4	835.0	10.8	9.8	115.6	9.4	-8.4	4.0	299.0	323.6	9.2	93.4	3.6 279.
6.0	24.0	1711.3	826.0	10.1	9.0	116.0	9.4	-8.5	3.8	299.1	322.9	8.8	93.2	3.8 280.
6.4	25.0	1813.3	816.0	9.2	8.1	111.5	9.7	-9.0	3.5	299.2	321.9	8.4	93.1	4.0 280.
6.7	26.0	1915.9	806.0	9.0	7.9	109.3	9.7	-9.1	3.2	300.1	322.8	8.4	93.0	4.2 281.
7.1	27.0	2010.4	795.0	9.4	7.4	106.0	9.4	-9.0	2.6	300.6	323.8	8.2	93.0	4.4 281.
7.5	28.0	2123.9	786.0	7.4	6.3	102.1	9.9	-8.7	1.9	300.5	321.5	7.7	92.8	4.6 281.
7.9	29.0	2219.7	777.0	7.2	6.1	99.2	7.4	-7.3	1.2	301.3	322.4	7.5	92.7	4.8 281.
8.3	30.0	2325.7	767.0	6.7	5.5	94.4	6.3	-6.3	0.5	301.9	322.5	7.5	92.7	5.0 281.
8.7	31.0	2422.9	758.0	6.3	5.2	88.9	5.3	-5.3	-0.1	302.5	322.9	7.4	92.6	5.1 281.
9.0	32.0	2531.3	749.0	5.6	4.5	84.3	4.5	-4.5	-0.5	302.9	322.6	7.1	92.3	5.2 281.
9.4	33.0	2631.1	739.0	5.1	4.0	69.4	3.2	-3.0	-1.1	303.4	322.7	6.9	92.2	5.3 280.
9.8	34.0	2742.4	729.0	4.3	3.1	61.2	3.5	-3.0	-1.7	303.7	322.2	6.6	92.1	5.3 280.
10.2	35.0	2843.6	720.0	3.5	2.3	55.1	3.9	-3.2	-2.2	303.9	321.5	6.3	91.9	5.4 279.
10.5	36.0	2957.2	710.0	2.5	1.3	45.1	4.0	-3.0	-2.7	304.0	320.7	5.9	91.8	5.5 279.
10.9	37.0	3060.4	701.0	2.1	0.9	31.3	3.9	-2.0	-3.3	304.7	321.3	5.9	91.7	5.5 279.
11.2	38.0	3155.0	692.0	2.0	0.4	21.0	4.2	-1.5	-3.9	305.7	322.3	5.9	91.7	5.5 277.
11.5	39.0	3242.6	682.0	1.3	0.1	10.4	4.9	-0.9	-4.8	306.2	322.4	5.7	91.6	5.6 276.
11.9	40.0	3377.6	674.0	0.5	-1.5	3.8	5.7	-0.4	-5.7	306.4	321.1	5.1	91.6	5.6 275.
12.3	41.0	3495.7	665.0	0.5	-1.9	356.3	6.9	0.5	-6.9	307.5	322.0	5.0	91.6	5.5 275.
12.5	42.0	3577.4	655.0	0.2	-2.3	350.3	7.7	1.3	-7.6	308.5	322.8	4.9	91.5	5.5 272.
13.0	43.0	3705.9	647.0	-0.9	-3.2	340.4	8.6	2.9	-8.1	308.3	322.0	4.7	91.5	5.5 270.
13.5	44.0	3817.9	639.0	-1.4	-3.4	337.7	8.9	3.4	-9.3	309.0	322.7	4.7	91.2	5.4 267.
13.9	45.0	3931.7	629.0	-2.6	-4.8	342.5	8.8	2.6	-8.4	309.3	321.4	4.3	91.3	5.3 265.
14.1	46.0	4045.4	620.0	-3.1	-5.3	346.4	8.6	2.0	-8.3	309.6	321.9	4.2	91.8	5.3 263.
14.7	47.0	4147.2	612.0	-3.6	-5.5	351.9	8.2	1.2	-9.1	310.3	322.5	4.2	91.2	5.3 261.
15.2	48.0	4255.4	603.0	-4.0	-6.0	1.5	7.6	-0.2	-7.6	311.0	323.1	4.1	91.2	5.3 258.
15.5	49.0	4350.2	594.0	-4.5	-6.5	8.8	7.1	-1.1	-7.0	311.9	324.1	4.1	91.6	5.4 256.
16.1	50.0	4491.0	586.0	-5.4	-6.9	16.4	6.6	-1.9	-6.3	312.0	323.6	3.9	91.6	5.4 255.
16.5	51.0	4590.0	579.0	-5.5	-7.1	20.1	6.7	-2.8	-6.1	313.1	324.7	3.9	91.6	5.3 253.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INT
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA													
25 APRIL 1979													
1100 GMT													
ANGLES ON THE 44.5 MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES													
TIME MIN	ENTR	HEIGHT FT	PRES MB	TEMP DEG C	TEMP DEG F	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	3M PET
15.0	57.0	477.1	569.0	-6.3	-7.4	29.8	6.7	-3.7	-5.9	313.6	324.9	3.7	93.9
15.5	53.0	493.0	561.0	-7.0	-4.5	34.2	6.6	-3.2	-5.4	314.0	324.0	3.6	93.4
16.0	54.0	496.0	553.0	-7.5	-9.0	41.7	6.3	-4.2	-4.7	314.8	325.4	3.5	93.3
16.5	55.0	509.4	543.0	-8.5	-10.0	55.3	5.5	-4.6	-3.2	314.9	324.9	3.4	93.6
17.0	56.0	513.9	536.0	-9.5	-10.0	70.7	5.3	-5.0	-1.7	316.4	326.6	3.4	89.0
17.5	57.0	523.3	523.0	-9.2	-10.7	87.4	5.4	-5.3	-0.2	316.7	326.5	3.2	89.9
18.0	58.0	532.5	520.0	-7.3	-11.4	107.3	5.2	-5.0	1.5	317.4	326.9	3.1	93.7
18.5	59.0	537.1	513.0	-10.2	-11.7	129.0	6.0	-4.7	3.7	318.3	327.7	3.0	89.6
19.0	60.0	553.2	505.0	-11.2	-12.7	133.7	7.3	-5.3	5.1	319.5	327.4	2.8	89.6
19.5	61.0	572.9	497.0	-11.4	-12.3	140.1	8.4	-5.4	6.4	319.8	328.7	2.9	89.5
20.0	62.0	587.7	493.0	-12.1	-13.7	144.9	9.2	-5.3	7.5	320.2	328.7	2.7	87.6
20.5	63.0	593.6	482.0	-12.4	-14.6	17.4	10.0	-5.4	8.5	320.8	328.9	2.6	85.3
21.0	64.0	513.3	474.0	-13.2	-15.3	147.2	10.7	-5.0	9.0	321.8	329.7	2.5	80.4
21.5	65.0	524.5	467.0	-14.3	-15.3	147.8	11.1	-5.9	9.4	321.8	329.1	2.3	84.6
22.0	66.0	537.5	453.0	-14.6	-15.5	153.0	11.3	-5.1	10.0	323.1	330.4	2.3	90.9
22.5	67.0	549.0	452.0	-15.6	-17.5	161.0	11.5	-3.7	10.9	323.3	330.2	2.1	85.2
23.0	68.0	551.5	445.0	-16.7	-19.5	164.8	11.7	-2.1	11.3	323.3	329.8	2.0	93.3
23.5	69.0	574.9	437.0	-17.2	-19.0	166.5	11.4	-2.7	11.1	324.3	330.7	1.9	93.6
24.0	70.0	585.3	432.0	-18.3	-20.5	169.4	10.7	-2.3	13.5	324.4	330.2	1.7	82.9
24.5	71.0	591.3	423.0	-19.4	-21.9	176.9	9.5	-0.5	9.5	324.6	329.7	1.6	81.5
25.0	72.0	711.5	415.0	-19.9	-22.6	185.8	8.7	0.9	8.6	325.4	330.1	1.5	73.4
25.5	73.0	739.9	407.0	-21.3	-24.1	200.0	8.5	2.9	9.0	325.3	329.6	1.3	75.8
26.0	74.0	734.1	402.0	-22.3	-25.5	197.9	8.8	2.7	9.4	325.5	329.5	1.2	73.5
26.5	75.0	737.1	395.0	-23.0	-28.5	191.3	9.2	1.8	9.0	326.3	330.0	1.1	72.8
27.0	76.0	752.0	388.0	-23.7	-27.4	189.7	9.3	1.6	9.1	327.1	330.6	1.0	71.0
27.5	77.0	761.7	382.0	-24.7	-29.7	181.2	9.0	0.2	9.0	327.1	330.3	0.9	69.6
28.0	78.0	770.0	373.0	-25.8	-29.9	169.4	9.2	-1.7	9.0	327.4	330.4	0.9	69.9
28.5	79.0	732.9	369.0	-26.3	-30.2	159.5	9.6	-3.4	9.0	329.3	331.2	0.8	70.0
29.0	80.0	811.2	363.0	-27.0	-30.7	152.5	10.3	-4.8	9.2	329.2	331.7	0.7	67.7
29.5	81.0	827.5	355.0	-27.3	-32.4	146.7	11.9	-6.5	9.9	329.9	332.3	0.7	67.6
30.0	82.0	833.9	349.0	-27.0	-33.1	145.6	12.7	-7.2	10.5	329.9	332.3	0.7	67.6
30.5	83.0	853.4	342.0	-27.3	-34.4	146.9	13.5	-7.4	11.3	330.0	332.2	0.6	67.1
31.0	84.0	855.0	337.0	-27.0	-35.5	148.1	14.1	-7.4	12.0	330.3	332.2	0.5	63.6
31.5	85.0	871.3	330.0	-27.6	-36.9	149.0	14.9	-7.7	12.8	330.3	332.1	0.5	63.9
32.0	86.0	820.3	324.0	-27.7	-37.9	149.0	15.6	-8.0	13.3	330.6	332.2	0.4	65.2
32.5	87.0	851.2	313.0	-27.6	-39.9	149.0	16.4	-8.7	13.9	331.1	332.5	0.4	61.5
33.0	88.0	820.5	311.0	-27.1	-40.1	147.1	17.2	-9.3	14.4	331.7	333.0	0.4	53.7
33.5	89.0	831.5	305.0	-26.9	-41.4	147.3	17.4	-9.4	14.5	331.8	333.0	0.3	62.4
34.0	90.0	847.3	299.0	-26.1	-42.4	143.5	17.5	-9.1	14.9	332.0	333.0	0.3	63.7
34.5	91.0	841.3	293.0	-26.2	-44.1	149.1	18.2	-9.3	15.6	332.3	333.3	0.3	59.6
35.0	92.0	873.9	285.0	-27.1	-40.9	149.2	18.9	-9.7	16.3	332.6	333.3	0.3	99.9
35.5	93.0	897.0	283.0	-27.6	-41.6	149.0	20.3	-10.4	17.4	332.6	333.3	0.3	99.9
36.0	94.0	1002.6	276.0	-26.6	-40.9	150.5	20.3	-10.0	17.7	333.2	333.2	0.3	99.9
36.5	95.0	1016.7	271.0	-26.0	-44.0	152.9	20.0	-9.1	17.5	332.9	332.9	0.3	99.9
37.0	96.0	1029.5	265.0	-25.4	-45.4	154.0	20.3	-8.9	18.3	332.6	332.6	0.3	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA													
25 APRIL 1979													
1100 GMT													
ANGLES ON THE 44.5 MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES													
TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP °C	DEW PT °C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX MTD GM/KG	3H PCT
37.4	97.0	13424.2	260.0	-45.8	99.9	134.6	21.1	-9.0	19.8	332.8	999.9	99.9	999.9
37.9	99.0	13574.5	256.0	-49.1	99.9	155.5	21.8	-9.0	19.8	333.1	999.9	99.9	999.9
38.4	99.0	13709.3	249.0	-49.1	99.9	156.5	22.5	-9.0	20.6	333.4	999.9	99.9	999.9
38.9	100.0	13822.1	244.0	-53.2	99.9	155.1	23.2	-9.8	22.1	333.7	999.9	99.9	999.9
39.4	101.0	13944.2	239.0	-51.5	99.9	155.9	25.4	-10.4	23.2	334.2	999.9	99.9	999.9
39.9	102.0	14066.6	233.0	-53.0	99.9	156.5	25.9	-10.3	23.7	334.9	999.9	99.9	999.9
40.4	103.0	14188.7	229.0	-54.5	99.9	157.0	26.5	-10.3	24.3	335.7	999.9	99.9	999.9
40.9	104.0	14311.2	223.0	-55.8	99.9	157.2	27.6	-10.7	25.5	336.6	999.9	99.9	999.9
41.4	105.0	14433.6	219.0	-57.0	99.9	157.9	28.1	-10.6	26.0	337.2	999.9	99.9	999.9
41.9	106.0	14556.0	213.0	-58.1	99.9	159.4	28.2	-9.9	26.4	338.0	999.9	99.9	999.9
42.4	107.0	14678.4	208.0	-59.7	99.9	160.6	28.8	-9.6	27.2	338.1	999.9	99.9	999.9
42.9	108.0	14800.8	204.0	-60.7	99.9	161.1	29.7	-9.6	28.1	338.7	999.9	99.9	999.9
43.4	109.0	14923.2	199.0	-61.9	99.9	161.9	29.8	-9.3	29.3	339.3	999.9	99.9	999.9
43.9	110.0	15045.6	194.0	-63.4	99.9	163.2	29.3	-8.5	29.0	339.3	999.9	99.9	999.9
44.4	111.0	15168.0	189.0	-64.0	99.9	163.8	30.3	-8.5	29.1	339.4	999.9	99.9	999.9
44.9	112.0	15290.4	185.0	-65.6	99.9	163.9	31.9	-8.8	30.6	339.9	999.9	99.9	999.9
45.4	113.0	15412.8	181.0	-66.6	99.9	165.1	32.1	-7.7	31.2	340.7	999.9	99.9	999.9
45.9	114.0	15535.2	176.0	-66.6	99.9	172.4	31.4	-4.1	31.1	341.7	999.9	99.9	999.9
46.4	115.0	15657.6	172.0	-65.6	99.9	179.2	32.2	-0.4	32.2	342.7	999.9	99.9	999.9
46.9	116.0	15780.0	167.0	-65.6	99.9	186.6	32.0	2.6	31.9	343.3	999.9	99.9	999.9
47.4	117.0	15902.4	163.0	-64.6	99.9	192.4	28.2	6.2	28.2	350.4	999.9	99.9	999.9
47.9	118.0	16024.8	159.0	-64.6	99.9	203.2	24.2	9.6	22.3	352.9	999.9	99.9	999.9
48.4	119.0	16147.2	155.0	-64.6	99.9	213.9	20.9	11.7	17.4	355.5	999.9	99.9	999.9
48.9	120.0	16269.6	151.0	-62.8	99.9	220.6	18.7	12.2	16.2	361.2	999.9	99.9	999.9
49.4	121.0	16392.0	147.0	-62.0	99.9	221.3	15.7	10.3	11.8	365.3	999.9	99.9	999.9
49.9	122.0	16514.4	143.0	-61.9	99.9	219.3	12.6	8.0	9.8	368.5	999.9	99.9	999.9
50.4	123.0	16636.8	139.0	-62.0	99.9	216.4	11.4	6.8	9.2	371.2	999.9	99.9	999.9
50.9	124.0	16759.2	135.0	-61.5	99.9	216.5	11.5	6.8	9.2	375.3	999.9	99.9	999.9
51.4	125.0	16881.6	132.0	-60.7	99.9	209.8	13.5	6.5	11.8	379.1	999.9	99.9	999.9
51.9	126.0	17004.0	129.0	-61.7	99.9	200.1	16.5	5.7	15.5	380.7	999.9	99.9	999.9
52.4	127.0	17126.4	124.0	-62.0	99.9	203.6	16.4	6.5	15.0	383.5	999.9	99.9	999.9
52.9	128.0	17248.8	121.0	-61.7	99.9	209.2	16.0	7.8	14.0	386.9	999.9	99.9	999.9
53.4	129.0	17371.2	117.0	-61.7	99.9	214.5	15.9	9.0	13.1	390.6	999.9	99.9	999.9
53.9	130.0	17493.6	114.0	-61.7	99.9	220.0	15.0	9.7	11.5	393.6	999.9	99.9	999.9
54.4	131.0	17616.0	110.0	-61.7	99.9	226.0	13.2	9.5	9.2	397.6	999.9	99.9	999.9
54.9	132.0	17738.4	107.0	-60.7	99.9	216.2	11.1	8.9	8.9	405.1	999.9	99.9	999.9
55.4	133.0	17860.8	103.0	-61.7	99.9	209.4	11.6	5.7	10.1	408.6	999.9	99.9	999.9
55.9	134.0	17983.2	100.0	-61.7	99.9	219.8	12.6	7.9	9.8	408.6	999.9	99.9	999.9
56.4	135.0	18105.6	97.0	-63.0	99.9	219.7	15.7	10.0	12.1	409.6	999.9	99.9	999.9
56.9	136.0	18228.0	94.0	-62.6	99.9	219.5	17.3	11.0	13.4	410.6	999.9	99.9	999.9
57.4	137.0	18350.4	90.0	-63.4	99.9	222.3	15.1	10.2	11.2	417.7	999.9	99.9	999.9
57.9	138.0	18472.8	87.0	-63.6	99.9	228.7	12.8	9.6	8.5	421.3	999.9	99.9	999.9
58.4	139.0	18595.2	84.0	-63.6	99.9	239.5	12.9	11.1	8.5	425.6	999.9	99.9	999.9
58.9	140.0	18717.6	81.0	-63.2	99.9	249.4	12.0	11.2	8.2	430.8	999.9	99.9	999.9
59.4	141.0	18840.0	78.0	-61.7	99.9	239.6	8.9	7.6	4.5	438.7	999.9	99.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Concluded.

STATION NO. 229 CENTERVILLE, ALABAMA													
25 APRIL 1970													
1100 GMT													
ANGLES ON THE 14.6 MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM HOLE MINUTE VALUES													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP °C	DEW PT °C	DIR °S	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WZ RTD GM/SEC	RM °C
64.2	142.0	18145.3	75.0	-51.7	99.9	207.4	6.0	3.7	7.1	443.6	999.9	99.9	999.9
65.3	143.0	18373.4	72.0	-51.7	99.9	208.4	7.5	3.3	5.7	448.8	999.9	99.9	999.9
66.7	144.0	18662.8	69.0	-50.4	99.9	224.0	5.6	3.9	4.0	457.1	999.9	99.9	999.9
67.5	145.0	18855.3	67.0	-51.1	99.9	219.0	6.5	4.0	5.2	459.4	999.9	99.9	999.9
69.4	146.0	19129.8	64.0	-51.9	99.9	207.2	8.9	4.1	7.9	463.8	999.9	99.9	999.9
69.3	147.0	19266.9	61.0	-52.0	99.9	220.3	6.8	4.4	5.2	469.8	999.9	99.9	999.9
70.3	148.0	19732.3	58.0	-51.7	99.9	228.0	6.7	5.0	4.5	477.5	999.9	99.9	999.9
71.3	149.0	20357.9	55.0	-51.9	99.9	251.4	6.0	5.7	1.9	484.3	999.9	99.9	999.9
72.3	150.0	20299.5	53.0	-56.9	99.9	291.3	3.6	3.3	-1.3	496.3	999.9	99.9	999.9
73.4	151.0	20665.2	50.0	-53.1	99.9	308.3	2.7	2.1	-1.7	506.7	999.9	99.9	999.9
74.4	152.0	21054.5	47.0	-58.4	99.9	330.5	4.3	2.1	-3.7	514.9	999.9	99.9	999.9
75.3	153.0	21328.3	45.0	-53.1	99.9	328.9	4.6	2.4	-4.0	522.2	999.9	99.9	999.9
76.7	154.0	21755.6	42.0	-55.5	99.9	335.4	3.0	1.3	-2.8	538.9	999.9	99.9	999.9
77.2	155.0	22197.2	39.0	-54.7	99.9	359.5	4.0	0.1	-4.0	552.6	999.9	99.9	999.9
79.2	156.0	22575.9	37.0	-54.7	99.9	351.2	3.1	0.5	-3.0	561.0	999.9	99.9	999.9
80.5	157.0	23121.3	34.0	-51.5	99.9	19.7	3.6	-1.2	-3.4	583.1	999.9	99.9	999.9
82.1	159.0	23721.9	31.0	-57.7	99.9	54.8	4.1	-3.3	-2.4	600.8	999.9	99.9	999.9
83.5	159.0	24156.5	29.0	-57.7	99.9	61.2	1.5	-1.3	-0.7	612.4	999.9	99.9	999.9
85.2	160.0	24357.1	26.0	-51.3	99.9	252.2	0.6	0.5	0.2	630.1	999.9	99.9	999.9
86.3	161.0	24337.4	24.0	-51.1	99.9	5.9	2.7	-0.3	-2.7	645.1	999.9	99.9	999.9
89.3	162.0	25059.4	21.0	-49.3	99.9	42.5	2.1	-1.4	-1.5	675.8	999.9	99.9	999.9
91.3	163.0	27273.2	19.0	-47.6	99.9	235.3	1.0	0.8	0.6	711.5	999.9	99.9	999.9
94.2	164.0	28444.1	15.0	-43.4	99.9	999.9	99.9	99.9	99.9	756.9	999.9	99.9	999.9

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Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME III experiment.

TIME (MIN)	Time after balloon release.
CONTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew-point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 7. Soundings missing or terminated before completion (100 mb) for AVE-SESAME III.

Station	Date/GMT	Reason	Last Pressure Coded (mb)
Abilene, Tx. (001)	25/1500	Sounding terminated early by operator.	113
	25/1800	Fading signal.	116
	25/2100	Sounding terminated early by operator.	107
	26/0900	Contact arm touched shorting wire too soon.	121
Bartlesville, Ok. (002)	26/0000	Lost signal.	236
	26/1200	Ground equipment failure.	
Childress, Tx. (004)	25/1500	Balloon burst.	177
College Station, Tx. (005)	25/1500	Sounding terminated early by operator.	113
	26/0900	Critical angles.	129
	26/1200	Critical angles.	203
Durant, Ok. (007)	25/1200	Sounding terminated early by operator.	104
	26/1200	Ground equipment failure.	
Fort Smith, Ar. (008)	26/0900	Radiosonde failure.	654
Gage, Ok. (009)	25/1200	Sounding terminated early by operator.	112
	26/0000	Ground equipment failure.	305
Goodland, Ks. (010)	25/1500	Fading signal.	125
	25/2100	Fading signal.	226
	26/0000	Radiosonde failure.	411
	26/0300	Fading signal.	133
	26/0600	Fading signal.	223
Wichita, Ks. (011)		All soundings missing because no personnel available.	
Junction, Tx. (012)	25/2100	Ground equipment failure.	
	26/0900	Ground equipment failure.	
Monroe, La. (013)	26/0600	Balloon burst.	324
	26/0900	Radiosonde failure.	185

Table 7. Concluded.

Station	Date/GMT	Reason	Last Pressure Coded (mb)
Morton, Tx. (015)	25/1200	Contact arm touched shorting wire too soon.	227
	26/1200	Ground equipment failure.	
Ottumwa, Ia. (016)	25/1200	Contact arm touched shorting wire too soon.	105
	25/1500	Ground equipment failure. Remainder of soundings missing due to ground equipment failure.	237
Raton, NM. (018)	26/0600	Contact arm touched shorting wire too soon.	167
	26/1200	Lost signal; critical angles.	233
Oxford, Ms. (019)	25/1800	Balloon burst.	257
	26/0000	Radiosonde failure.	276
	26/0900	Ground equipment failure.	
	26/1200	Balloon burst.	543
Centerville, Al. (229)	25/1500	Balloon burst.	344
	26/0900	Ground equipment failure.	252
	25/1200	Ground equipment failure.	305
Jackson, Ms. (235)	25/1500	Radiosonde failure.	252
Nashville, Tn. (327)	26/0600	Ground equipment failure.	184
Albuquerque, NM. (365)	25/1800	Balloon burst.	377
Denver, Co. (469)	26/1200	Radiosonde failure.	199
Peoria, Il. (532)	25/2100	Power failure.	309
	26/0600	Balloon icing.	631

questionable data for each sounding are included in Table 8. These soundings interpolated for 25-mb intervals are presented in Appendix II. These soundings should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

Table 9 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per min. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 8. List of soundings with questionable data in AVE-SESAME III.

Station	Date/Time (GMT)	Questionable Data
Bartlesville, Ok. (002)	25/1200	Heights 30 m high at 850, 500, and 200 mb.
Bartlesville, Ok. (002)	25/2100	Heights 30 m low at 500 mb; 55 m low at 200 mb.
Bartlesville, Ok. (002)	26/0000	Heights 30 m low at 850 mb; 50 m low at 500 mb.
Bartlesville, Ok. (002)	26/0300	Heights 22 m low at 500 mb; 50 m low at 200 mb.
Centerville, Al. (229)	26/0900	Heights 76 m high at 850 mb; 45 m high at 500 mb. Surface pressure possibly too high.
Gage, Ok. (009)		All heights calculated appear to contain a bias which results in heights that are too high.
Ottumwa, Ia. (016)	25/1200	Heights 250 m high at 850 and 500 mb; 150 m high at 200 mb. Suspect incorrect surface pressure. Wind speeds also appear low for this sounding.
Ottumwa, Ia. (016)	25/1500	Heights 250 m high at 850 mb; 225 m high at 500 mb. Suspect incorrect surface pressure.
Raton, Nm. (018)		All wind directions computed for each sounding appear to be 20-30 degrees low. Possible orientation problem.
Oxford, Ms. (019)	26/0300	Heights 45 m low at 500 mb; 55 m low at 200 mb.

Table 9. AVE-SESAME III soundings with large variations in balloon rise rate.

Station	Date/Time (GMT)
Bartlesville, Ok. (002)	25/2100
Poplar Bluff, Mo. (017)	25/1200
Poplar Bluff, Mo. (017)	26/0300
El Paso, Tx. (270)	25/1200
El Paso, Tx. (270)	26/0300
El Paso, Tx. (270)	26/0900
Salem, Il. (433)	26/0900

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APPENDIX I

AVE-SESAME III Sounding Data
of Unquestionable Validity
Presented at 25-mb Intervals

STATION NO. 229
CENTREVILLE, ALABAMA

25 APRIL 1979

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

180 15. 1

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 8 DEG M	E POT 7 DEG K	WIND GMS/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.6	140.0	995.0	17.0	17.0	60.0	5.1	-4.4	-2.5	290.6	322.2	12.4	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.5	313.5	975.0	16.0	15.0	999.9	99.9	99.9	99.9	271.2	319.9	11.1	94.1	999.9	999.9
1.3	11.8	534.7	950.0	15.3	14.3	999.9	99.9	99.9	99.9	292.7	321.0	10.9	94.0	999.9	999.9
2.3	10.2	761.0	925.0	14.2	13.3	97.5	12.5	-12.4	1.6	293.9	321.2	10.4	93.9	1.3	269.
3.1	10.6	992.5	900.0	13.0	12.0	100.4	12.7	-12.5	2.3	294.5	320.9	9.9	93.7	2.0	272.
4.1	17.0	1229.4	875.0	12.3	11.3	105.4	11.1	-10.7	2.9	296.6	322.3	9.7	93.6	2.6	275.
5.0	21.5	1472.6	850.0	11.0	9.9	110.9	10.3	-9.6	3.7	297.7	322.0	9.1	93.4	3.2	277.
6.0	25.1	1722.1	825.0	10.0	8.9	113.4	9.5	-8.7	3.8	299.1	322.8	8.8	93.2	3.8	280.
6.9	26.6	1977.9	800.0	9.7	7.6	107.1	9.4	-8.0	2.6	300.4	322.8	8.2	93.0	4.3	281.
8.0	29.2	2240.3	775.0	7.1	6.8	97.7	7.3	-7.3	1.0	301.5	322.4	7.6	92.8	4.9	281.
9.7	31.8	2510.1	750.0	5.6	4.6	82.1	4.6	-4.5	-0.6	302.5	322.7	7.1	92.3	5.2	281.
10.0	34.4	2787.4	725.0	3.9	2.7	58.7	3.6	-3.1	-1.9	303.8	321.9	6.5	92.0	5.6	278.
10.9	37.1	3072.1	700.0	2.1	0.9	32.1	4.1	-2.2	-3.5	304.8	321.4	5.9	91.7	5.5	278.
11.9	39.9	3363.7	675.0	0.6	-1.3	4.9	5.7	-0.5	-5.7	306.2	321.2	5.2	87.3	5.6	275.
12.9	42.6	3659.0	650.0	-0.5	-2.9	345.3	8.2	2.1	-7.0	308.4	321.6	4.8	83.9	5.5	271.
14.1	45.4	3981.8	625.0	-2.0	-5.0	344.4	8.6	2.3	-8.3	309.2	321.6	4.2	85.1	5.3	264.
15.3	48.3	4305.0	600.0	-4.2	-7.0	3.8	7.4	-0.5	-7.4	311.3	323.4	4.1	87.0	5.3	258.
16.6	51.3	4630.0	575.0	-5.8	-7.3	25.0	6.7	-2.8	-6.0	313.2	324.8	3.8	88.7	5.6	253.
18.0	54.4	4987.6	550.0	-7.8	-9.4	48.7	6.0	-4.5	-3.9	314.6	325.2	3.4	88.4	6.0	250.
19.3	57.4	5348.8	525.0	-9.5	-11.0	97.2	5.4	-5.4	0.7	317.8	326.7	3.1	88.6	6.4	250.
20.6	60.6	5724.8	500.0	-11.3	-12.8	137.4	7.9	-5.3	5.8	319.3	328.2	2.9	88.6	6.7	253.
22.1	63.9	6117.3	475.0	-13.1	-15.2	147.7	10.5	-5.0	8.9	321.7	329.6	2.5	84.6	7.0	250.
23.6	67.3	6527.6	450.0	-15.9	-17.8	160.2	11.4	-3.0	10.8	323.3	330.1	2.1	85.2	7.4	257.
25.4	70.7	6936.3	425.0	-19.1	-21.5	176.8	9.9	-0.5	9.9	324.9	329.9	1.6	81.2	7.7	276.
27.1	74.3	7404.9	400.0	-22.5	-25.8	193.9	8.9	2.1	6.7	325.7	329.7	1.2	74.7	7.6	282.
28.8	78.0	7876.0	375.0	-25.8	-29.6	170.0	9.5	-1.6	9.3	327.4	330.4	0.9	68.9	7.8	289.
30.3	81.8	8373.4	350.0	-28.9	-33.0	148.0	12.3	-6.5	10.5	329.8	332.2	0.7	67.6	8.5	294.
32.1	85.8	8896.8	325.0	-33.5	-37.7	148.3	15.5	-6.1	13.2	330.2	332.2	0.4	65.3	9.8	299.
34.0	89.8	9455.9	300.0	-37.9	-42.6	148.2	17.8	-9.4	15.1	331.5	333.0	0.3	61.0	11.5	303.
36.0	94.2	10049.2	275.0	-42.9	-47.9	151.4	20.1	-9.6	17.6	333.2	335.9	99.9	99.9	13.6	308.
38.3	98.8	10683.2	250.0	-48.9	-53.9	155.4	22.8	-9.4	20.8	333.7	339.9	99.9	99.9	16.2	312.
40.7	103.6	11365.9	225.0	-55.3	-59.9	157.4	27.0	-10.4	24.9	334.1	349.9	99.9	99.9	19.5	316.
43.2	108.6	12106.3	200.0	-61.6	-65.9	161.9	29.5	-9.2	28.1	334.1	359.9	99.9	99.9	23.5	321.
46.1	114.3	12921.4	175.0	-66.6	-69.9	175.0	31.2	-2.3	31.1	334.1	369.9	99.9	99.9	28.6	325.
49.5	120.3	13861.6	150.0	-62.6	-65.9	212.7	18.4	10.0	15.5	334.1	379.9	99.9	99.9	32.2	332.
53.6	126.8	14908.8	125.0	-62.0	-65.9	211.0	14.5	7.7	12.3	334.1	389.9	99.9	99.9	35.9	337.
58.6	134.0	16373.2	100.0	-61.7	-65.9	220.5	13.8	6.0	10.5	334.1	399.9	99.9	99.9	38.2	343.
64.9	142.0	18145.5	75.0	-61.7	-65.9	220.2	9.3	4.5	6.3	334.1	409.9	99.9	99.9	40.1	353.
73.4	151.0	20665.0	50.0	-58.1	-65.9	290.7	4.8	4.5	-1.7	334.1	419.9	99.9	99.9	40.1	353.
86.0	160.5	25127.3	25.0	-51.2	-65.9	129.0	1.7	-1.3	1.0	334.1	429.9	99.9	99.9	38.2	352.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

25 APRIL 1979
1405 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

77 350. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG M	MR RTO CM/MS	RM PCT	RANGE KM	AZ DEG
0.0	7.3	140.0	995.0	17.3	16.8	60.0	4.1	-3.6	-2.0	290.9	322.2	12.2	97.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	9.2	313.7	575.0	10.1	15.1	99.9	99.9	99.9	99.9	291.4	320.2	11.1	93.4	999.9	999.
1.4	11.6	330.8	950.0	15.8	13.9	999.9	99.9	99.9	99.9	292.4	320.0	10.9	93.4	999.9	999.
2.2	14.0	769.7	925.0	13.9	12.8	99.9	14.8	-14.8	-0.0	293.6	320.1	10.1	93.0	1.4	230.
3.0	16.5	992.1	900.0	13.1	11.8	99.7	14.8	-14.8	0.2	293.6	320.6	9.7	91.0	2.1	204.
3.8	19.0	1220.2	875.0	11.7	10.1	86.5	14.4	-14.4	-1.4	298.0	319.7	8.9	90.2	2.8	203.
4.5	21.5	1672.1	850.0	11.1	9.8	77.2	12.4	-12.1	-1.4	298.0	319.7	8.9	90.2	2.8	203.
5.4	24.1	1728.1	825.0	9.2	7.9	75.6	9.5	-9.2	-2.0	297.8	321.9	9.0	91.5	3.4	203.
6.3	26.7	1976.5	800.0	6.5	7.2	64.7	9.0	-8.1	-3.8	300.2	322.0	8.0	91.4	4.4	202.
7.1	29.3	2238.6	775.0	6.3	3.3	61.9	10.4	-6.9	-7.7	300.6	318.0	6.3	80.8	4.8	250.
8.1	32.0	2507.4	750.0	5.6	1.4	22.9	13.2	-5.1	-12.1	302.7	318.0	5.7	74.5	5.3	250.
9.2	34.7	2780.4	725.0	4.2	-0.1	10.1	14.8	-2.6	-14.6	304.1	319.0	5.3	73.0	5.3	250.
10.3	37.4	3059.6	700.0	2.4	-0.9	357.1	14.4	0.7	-14.4	305.1	319.0	5.2	79.3	6.4	230.
11.4	40.2	3342.0	675.0	0.4	-1.1	357.7	14.1	0.6	-14.1	306.1	321.0	5.2	89.5	6.8	230.
12.5	43.0	3605.1	650.0	-0.8	-2.0	10.0	11.2	-1.9	-11.0	308.1	322.0	5.1	91.3	7.4	220.
13.8	45.0	3877.8	625.0	-2.2	-3.4	33.3	7.6	-4.2	-6.4	309.9	323.9	4.6	91.4	8.1	220.
15.0	47.0	4301.6	600.0	-3.0	-5.1	48.1	6.6	-4.9	-4.4	311.7	324.6	4.4	90.8	8.6	220.
16.3	49.0	4638.8	575.0	-5.6	-6.9	62.4	5.3	-4.7	-2.4	313.5	325.4	4.0	90.0	9.0	220.
17.6	50.0	4984.7	550.0	-7.8	-9.1	83.9	4.9	-0.5	-0.5	314.9	325.5	3.5	90.2	9.3	220.
19.0	54.3	5360.4	525.0	-9.3	-10.7	102.0	4.4	-4.3	0.9	317.3	327.2	3.2	89.2	9.6	220.
20.4	61.5	5722.7	500.0	-11.5	-13.0	110.7	5.4	-5.0	1.9	319.1	327.9	2.8	88.2	9.8	220.
21.7	64.8	6114.8	475.0	-13.6	-15.4	114.8	6.4	-5.8	2.7	321.8	328.9	2.6	86.0	10.0	230.
23.2	69.3	6525.0	450.0	-15.8	-18.1	134.9	5.5	-3.9	3.9	323.4	330.2	2.0	82.7	10.2	230.
24.6	71.7	6923.6	425.0	-18.9	-21.4	163.5	5.2	-1.5	5.0	324.6	330.2	1.6	80.0	10.2	230.
26.1	75.3	7402.8	400.0	-22.1	-25.2	999.9	99.9	99.9	99.9	326.2	330.3	1.2	75.7	9.9	230.
27.6	78.1	7874.5	375.0	-25.7	-29.6	999.9	99.9	99.9	99.9	327.0	330.6	0.9	69.4	999.9	999.
29.3	83.0	8378.8	350.0	-29.6	-34.0	999.9	99.9	99.9	99.9	327.0	331.1	0.6	64.8	999.9	999.
30.9	92.0	90.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
32.0	92.0	90.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
33.0	92.0	90.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
34.0	92.0	90.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
35.0	92.0	90.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
36.0	92.0	90.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
37.0	92.0	90.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
38.0	92.0	90.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
39.0	92.0	90.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
40.0	92.0	90.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
41.0	92.0	90.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
42.0	92.0	90.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
43.0	92.0	90.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
44.0	92.0	90.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0. AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA
25 APRIL 1979
1702 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.6	148.0	994.1	17.2	16.9	20.0	3.6	-1.2	-3.4	290.5	322.3	12.3	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.3	306.0	975.0	16.1	15.1	42.9	7.9	-5.4	-5.8	291.3	320.1	11.2	94.0	0.2	222.
1.4	10.5	527.0	950.0	14.6	13.6	58.6	10.4	-8.6	-5.7	292.0	319.0	10.4	93.0	0.7	225.
2.3	12.8	752.6	925.0	13.5	12.5	72.1	13.2	-12.6	-4.1	293.2	319.2	9.5	93.6	1.3	235.
3.1	15.2	923.5	900.0	12.4	11.4	76.5	14.7	-14.3	-3.4	294.0	319.2	9.5	93.6	1.9	246.
3.9	17.5	1228.5	875.0	11.7	10.3	70.0	13.5	-12.7	-4.6	296.0	320.1	9.0	90.8	2.6	246.
4.8	20.0	1482.8	850.0	10.5	9.6	60.2	8.4	-7.3	-4.2	297.1	319.4	8.3	88.3	3.2	246.
5.8	22.6	1711.6	825.0	9.2	8.9	53.8	7.3	-5.9	-4.3	298.4	317.7	7.1	79.5	3.6	245.
6.7	25.0	1964.6	800.0	8.6	8.1	40.3	11.3	-7.3	-4.3	300.4	318.5	6.0	68.3	4.1	243.
7.8	27.4	2229.6	775.0	8.2	7.8	20.6	13.9	-4.9	-13.0	302.7	318.5	5.6	66.6	4.8	237.
8.8	30.0	2490.9	750.0	6.4	6.6	10.3	14.8	-0.7	-14.3	303.5	318.6	5.4	66.6	5.5	231.
9.8	32.6	2777.8	725.0	4.7	0.6	3.1	13.0	-0.7	-13.8	304.6	320.3	5.5	75.0	6.1	225.
10.9	35.2	3063.1	700.0	2.3	0.6	2.9	12.7	-0.6	-13.8	305.6	321.1	5.3	87.0	6.8	220.
12.1	37.9	3356.4	675.0	0.3	-1.0	5.2	13.0	-1.2	-12.9	306.6	321.1	5.1	91.4	7.6	216.
13.3	40.6	3659.2	650.0	-0.8	-2.0	6.9	11.1	-1.3	-11.0	308.1	322.9	5.1	91.7	8.4	213.
14.8	43.3	3972.3	625.0	-2.1	-3.3	22.3	6.9	-2.6	-8.4	310.0	322.1	4.9	91.5	9.1	211.
16.3	46.2	4296.2	600.0	-3.6	-4.8	39.2	5.2	-3.3	-4.1	312.0	325.2	4.5	91.3	9.6	211.
17.9	49.0	4632.0	575.0	-5.2	-6.4	49.8	5.1	-3.9	-3.3	313.9	326.1	4.1	90.1	10.1	212.
19.5	52.0	4980.8	550.0	-6.7	-8.1	58.9	4.1	-3.5	-2.1	316.1	327.6	3.8	89.8	10.5	213.
21.3	55.0	5342.9	525.0	-8.1	-10.8	48.2	3.4	-2.5	-2.2	317.5	327.4	3.2	87.2	10.8	213.
22.9	58.0	5715.8	500.0	-11.1	-12.9	61.8	3.3	-2.9	-1.5	319.5	328.4	2.8	86.7	11.1	214.
24.5	61.1	6113.0	475.0	-12.7	-14.6	74.9	4.7	-4.5	-0.4	322.2	330.5	2.6	86.0	11.4	215.
26.1	64.4	6524.2	450.0	-15.2	-17.4	82.0	4.0	-4.0	-0.4	324.1	331.9	2.1	82.1	11.8	217.
27.9	67.7	6954.3	425.0	-17.0	-20.9	106.6	2.5	-2.4	0.7	326.1	331.7	1.7	76.9	12.0	219.
29.6	71.1	7403.3	400.0	-20.9	-24.7	149.7	1.8	-0.9	1.5	327.9	332.2	1.3	71.0	12.0	219.
31.3	74.7	7879.1	375.0	-24.8	-28.7	164.3	1.6	-0.4	1.5	328.8	332.1	0.9	69.7	11.9	219.
32.9	78.3	8378.0	350.0	-28.3	-32.8	138.6	3.1	-2.1	2.3	330.6	333.0	0.7	65.3	11.8	220.
34.7	82.2	8905.2	325.0	-32.2	-36.5	126.3	6.5	-6.9	5.1	332.3	336.2	0.5	64.9	11.8	223.
36.4	86.3	9465.1	300.0	-36.0	-41.8	147.8	11.2	-5.9	9.4	333.5	334.7	0.3	59.4	11.6	236.
38.6	90.5	10061.0	275.0	-41.9	-49.9	142.4	13.3	-8.1	10.6	334.2	339.9	99.9	99.9	12.3	246.
40.9	94.8	10699.2	250.0	-47.2	-59.9	129.7	18.3	-14.1	11.7	335.9	340.9	99.9	99.9	13.9	257.
43.5	99.6	11386.4	225.0	-53.5	-69.9	133.2	21.7	-13.8	14.9	336.5	340.9	99.9	99.9	15.2	269.
46.1	104.6	12132.7	200.0	-59.9	-79.9	159.6	27.8	-18.7	22.0	337.6	340.9	99.9	99.9	19.8	282.
49.0	110.0	12957.2	175.0	-62.0	-89.9	159.6	27.8	-18.7	22.0	337.6	340.9	99.9	99.9	21.3	293.
52.4	116.0	13929.6	150.0	-62.4	-99.9	192.4	16.2	3.5	15.8	342.7	340.9	99.9	99.9	21.9	303.
56.6	122.7	15043.5	125.0	-60.0	-99.9	205.7	14.8	0.4	13.4	346.3	340.9	99.9	99.9	22.3	314.
61.8	130.3	16438.6	100.0	-60.1	-99.9	219.9	13.8	8.8	10.6	411.6	340.9	99.9	99.9	23.2	326.
68.2	138.7	18226.5	75.0	-60.5	-99.9	99.9	99.9	99.9	99.9	446.1	340.9	99.9	99.9	99.9	99.9
77.3	148.7	20758.8	50.0	-58.0	-99.9	99.9	99.9	99.9	99.9	508.2	340.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 229
CENTERVILLE, ALABAMA

25 APRIL 1979
2005 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PORT DEG K	E POT DEG K	WIND GPM/KG	PH PCT	RANGE KM	AZ DEG
0.0	6.5	140.0	992.0	17.6	16.8	30.0	4.1	-2.0	-3.6	291.4	322.9	12.2	95.8	0.0	0.
9.9	99.9	59.9	1000.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	8.1	286.1	575.0	16.9	15.9	30.4	14.1	-7.2	-10.2	292.2	321.8	11.4	91.3	0.3	211.
1.5	13.4	508.6	950.0	15.8	13.6	37.7	12.9	-7.8	-10.2	292.4	319.4	10.4	91.8	1.0	212.
2.4	12.7	735.5	925.0	13.7	12.4	50.3	13.3	-10.2	-8.5	293.2	319.1	9.9	91.9	1.6	216.
3.3	15.0	966.5	900.0	12.4	11.1	57.6	14.7	-12.6	-7.6	294.2	318.8	9.3	91.5	2.4	223.
4.2	17.4	1203.3	875.0	11.6	10.2	53.3	13.9	-11.1	-8.3	295.5	319.6	9.8	90.9	3.2	227.
5.0	19.8	1445.8	850.0	10.3	8.9	43.1	12.5	-8.5	-9.1	296.5	319.6	9.5	90.9	3.8	227.
6.0	22.2	1694.2	825.0	8.4	6.9	34.9	11.4	-6.5	-5.3	297.4	318.0	7.6	90.4	4.5	226.
6.9	24.7	1948.5	800.0	7.4	5.1	26.0	9.2	-4.0	-8.3	299.0	318.0	6.9	89.7	5.1	226.
7.9	27.2	2210.1	775.0	6.5	3.8	27.0	7.9	-3.6	-7.0	300.8	318.8	6.5	82.8	5.5	222.
9.0	29.7	2479.3	750.0	5.6	3.5	40.8	9.2	-6.0	-6.9	302.7	321.1	6.6	86.4	6.0	222.
12.0	32.2	2756.6	725.0	4.1	2.7	45.7	9.7	-6.9	-6.6	304.0	322.0	6.4	90.0	6.6	222.
11.2	34.9	3041.4	700.0	1.8	0.2	50.9	9.2	-7.2	-5.8	306.2	320.3	5.6	89.5	7.3	222.
12.2	37.6	3334.7	675.0	0.6	-0.7	51.5	8.8	-6.9	-5.5	308.4	323.3	5.4	90.8	7.8	223.
13.3	40.2	3637.9	650.0	-0.5	-1.9	42.6	8.1	-5.5	-6.0	310.3	324.4	5.1	90.2	8.4	223.
14.4	43.0	3951.3	625.0	-1.9	-3.3	32.7	7.2	-3.9	-6.1	312.2	325.3	4.4	89.1	9.3	222.
15.5	45.8	4275.7	600.0	-3.4	-5.0	11.2	6.2	-1.2	-6.0	314.2	326.1	4.0	85.7	9.7	220.
16.7	48.6	4611.9	575.0	-4.9	-7.0	1.7	7.1	-0.2	-7.2	316.3	327.3	3.6	85.3	10.1	218.
17.0	51.5	4960.9	550.0	-6.6	-8.7	356.6	7.2	0.4	-6.6	317.7	327.1	3.8	81.6	10.5	218.
19.2	54.6	5323.3	525.0	-8.9	-11.5	352.7	6.7	0.9	-5.9	319.8	328.3	2.7	81.9	10.8	215.
20.4	57.6	5760.3	500.0	-10.9	-13.4	359.4	5.9	0.1	-4.7	321.7	329.5	2.4	82.8	11.2	214.
21.7	60.6	6093.1	475.0	-13.1	-15.4	16.0	4.8	-1.3	-3.3	323.6	330.6	2.1	82.7	11.6	213.
23.3	64.0	6503.4	450.0	-15.5	-17.7	32.1	3.9	-2.1	-2.1	325.5	331.6	1.7	79.6	11.9	213.
25.1	67.3	6933.4	425.0	-18.0	-20.7	342.4	2.2	0.7	-1.2	327.9	332.3	1.3	71.4	11.9	213.
26.8	70.7	7384.5	400.0	-20.8	-24.6	227.7	1.8	1.4	1.2	329.2	331.2	0.5	39.0	11.7	213.
28.1	74.3	7856.1	375.0	-24.5	-35.2	175.8	2.9	-0.2	2.9	329.6	330.4	0.1	14.2	11.4	215.
29.6	78.0	8356.4	350.0	-28.9	-47.7	164.4	7.8	-2.1	7.5	330.6	330.6	0.1	7.4	10.8	219.
31.2	81.8	8861.9	325.0	-33.4	-56.9	153.1	13.0	-5.9	11.5	334.0	333.1	0.1	16.6	10.5	228.
33.0	85.8	9439.4	300.0	-37.4	-63.5	143.1	16.7	-10.0	13.4	336.1	336.1	99.9	99.9	10.5	230.
35.2	90.0	10032.7	275.0	-42.3	-69.9	140.2	19.8	-12.6	15.2	336.9	336.9	99.9	99.9	11.6	234.
37.4	94.4	10676.9	250.0	-47.1	-74.1	133.6	23.6	-17.1	16.3	338.4	338.4	99.9	99.9	13.5	266.
39.6	98.2	11358.3	225.0	-53.3	-80.9	129.9	21.3	-16.3	13.7	348.6	348.6	99.9	99.9	15.8	273.
42.2	104.2	12105.7	200.0	-59.6	-87.9	134.2	20.6	-14.8	14.3	362.9	362.9	99.9	99.9	18.6	282.
44.4	109.5	12939.1	175.0	-61.4	-90.9	150.3	24.6	-12.2	21.4	383.3	383.3	99.9	99.9	21.6	301.
46.3	115.5	13990.0	153.0	-62.2	-90.9	179.7	17.1	-0.1	17.1	411.7	411.7	99.9	99.9	21.3	313.
52.2	122.0	15015.5	125.0	-61.7	-90.9	207.9	14.6	6.8	12.9	445.8	445.8	99.9	99.9	21.2	325.
57.3	129.3	16402.1	100.0	-60.1	-90.9	226.8	14.0	10.2	9.6	507.8	507.8	99.9	99.9	21.7	328.
63.4	137.3	18200.2	75.0	-61.0	-90.9	219.4	7.9	5.0	6.1	648.6	648.6	99.9	99.9	21.6	332.
72.1	146.7	20732.0	50.0	-57.6	-90.9	173.1	3.8	-0.4	3.0						
85.1	156.3	25236.0	25.0	-47.5	-90.9	123.2	1.2	-1.0	0.7						

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

25 APRIL 1979
2315 GMT

194 21.0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MAX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0.0	0.0	140.0	990.0	17.3	16.0	360.0	3.6	0.0	-3.6	291.2	322.0	12.3	97.0	0.0	0.0
99.9	99.9	95.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	0.0	276.1	975.0	16.0	15.4	9.4	7.0	-1.1	-6.9	292.1	321.6	11.4	91.5	0.2 173.	0.0
1.1	10.3	457.7	950.0	15.2	13.7	19.9	9.7	-3.3	-9.1	292.6	319.9	10.5	91.2	0.5 183.	0.0
2.1	12.5	723.6	925.0	13.0	12.2	25.6	12.2	-5.3	-11.0	293.3	318.7	9.7	91.0	1.2 195.	0.0
3.0	15.0	954.1	900.0	11.0	9.7	24.2	14.3	-5.9	-13.0	293.6	318.0	8.8	87.2	1.9 200.	0.0
3.9	17.4	1198.6	875.0	11.9	8.2	13.3	13.7	-3.2	-13.4	296.1	317.2	7.8	78.1	2.7 199.	0.0
4.8	19.9	1433.4	850.0	10.8	7.7	10.8	12.1	-2.3	-11.9	298.7	320.0	7.0	81.1	3.4 197.	0.0
5.7	22.2	1682.4	825.0	9.5	7.4	12.4	13.1	-2.8	-12.8	297.6	318.5	7.0	86.3	4.1 197.	0.0
6.7	24.7	1937.4	800.0	7.4	6.0	17.5	13.1	-3.9	-12.5	299.1	319.1	7.4	90.3	4.8 196.	0.0
7.7	27.2	2198.4	775.0	7.0	5.6	24.1	11.0	-5.2	-10.6	301.3	321.7	7.4	91.0	5.6 197.	0.0
8.6	29.8	2469.0	750.0	5.6	4.3	24.3	10.5	-4.3	-9.6	302.7	322.1	7.0	91.0	6.3 199.	0.0
9.5	32.4	2746.3	725.0	4.1	2.7	20.0	6.6	-3.1	-8.0	303.5	322.0	6.5	90.0	7.0 199.	0.0
10.9	35.1	3031.4	700.0	2.1	0.7	28.0	6.7	-3.1	-5.9	304.4	321.2	5.8	90.5	7.4 199.	0.0
12.1	37.8	3325.2	675.0	1.1	-0.3	18.9	4.6	-1.9	-4.4	306.5	322.0	5.6	90.4	7.8 199.	0.0
13.3	40.4	3628.7	650.0	0.1	-1.3	344.7	6.2	1.6	-6.0	309.1	324.7	5.4	90.4	8.1 198.	0.0
14.7	43.3	3942.6	625.0	-1.7	-1.1	337.9	9.3	3.5	-8.6	310.2	324.9	4.9	90.4	8.6 195.	0.0
16.4	45.1	4266.8	600.0	-3.4	-4.8	341.9	10.3	3.2	-9.8	312.1	325.4	4.5	90.2	9.5 192.	0.0
18.1	49.0	4602.8	575.0	-5.4	-6.9	347.4	10.1	2.2	-9.9	313.7	325.6	4.0	88.0	10.4 189.	0.0
19.5	51.9	4951.3	550.0	-7.2	-8.8	354.3	8.3	0.8	-8.3	315.2	326.5	3.6	88.6	11.2 188.	0.0
21.1	54.9	5313.1	525.0	-9.0	-10.7	4.2	6.7	-0.5	-6.7	317.4	327.5	3.2	87.7	11.8 187.	0.0
22.9	58.0	5689.7	500.0	-11.2	-12.8	18.1	6.1	-1.0	-5.8	319.4	328.2	2.8	87.2	12.5 187.	0.0
24.7	61.1	6082.8	475.0	-13.1	-14.9	52.2	4.8	-3.8	-2.9	321.7	329.8	2.5	86.4	13.1 189.	0.0
26.7	64.4	6492.0	450.0	-15.9	-17.7	65.8	3.4	-3.1	-1.4	323.3	330.1	2.1	85.5	13.3 190.	0.0
28.5	67.8	6922.0	425.0	-18.5	-20.6	70.8	6.0	-5.7	-2.0	325.3	331.0	1.7	83.5	13.6 192.	0.0
30.5	71.3	7371.5	400.0	-21.7	-23.9	71.5	5.7	-5.4	-1.8	326.8	331.4	1.4	82.3	13.9 195.	0.0
32.4	74.9	7842.4	375.0	-25.0	-27.0	69.0	3.9	-3.6	-1.4	328.8	329.0	0.7	63.9	14.3 196.	0.0
34.8	79.0	8335.4	350.0	-31.5	-35.8	129.0	2.5	-2.5	0.9	328.2	326.7	0.1	16.0	14.5 197.	0.0
36.9	82.5	8855.3	325.0	-35.8	-41.2	99.7	5.0	-3.9	3.2	327.4	327.5	0.0	5.3	14.4 199.	0.0
39.0	86.5	9406.5	300.0	-40.5	-46.9	99.9	5.5	-5.4	0.9	328.3	329.9	99.9	99.9	14.3 202.	0.0
41.2	90.0	9992.9	275.0	-45.4	-51.9	92.0	7.1	-7.1	0.2	329.2	329.9	99.9	99.9	14.6 204.	0.0
43.5	95.3	10523.0	250.0	-49.7	-56.9	124.9	13.2	-10.8	7.5	332.1	330.9	99.9	99.9	14.7 210.	0.0
46.0	100.0	11305.2	225.0	-53.9	-61.9	99.9	10.5	-14.4	11.6	336.0	335.9	99.9	99.9	14.5 220.	0.0
49.1	105.2	12052.8	200.0	-58.4	-66.9	144.3	14.2	-8.3	11.5	340.3	339.9	99.9	99.9	14.6 232.	0.0
52.7	110.6	12889.5	175.0	-60.1	-69.9	167.0	15.9	-3.5	15.1	350.2	339.9	99.9	99.9	14.6 244.	0.0
57.1	116.8	13849.7	150.0	-60.9	-70.9	200.5	12.8	4.5	12.0	355.2	339.9	99.9	99.9	12.6 259.	0.0
62.0	123.3	14974.7	125.0	-62.3	-72.9	209.5	12.1	6.0	10.8	360.4	339.9	99.9	99.9	11.1 273.	0.0
68.1	130.7	16356.5	100.0	-68.0	-78.9	236.8	11.3	9.5	6.2	411.5	339.9	99.9	99.9	6.8 296.	0.0
75.5	138.7	18148.9	75.0	-61.2	-79.9	228.1	6.0	8.0	4.8	444.6	339.9	99.9	99.9	7.1 324.	0.0
85.8	160.0	20687.2	50.0	-59.0	-79.9	176.0	2.4	-0.2	2.4	502.8	339.9	99.9	99.9	7.5 329.	0.0
103.0	175.5	25131.5	25.0	-51.0	-79.9	32.7	2.6	-1.4	-2.2	626.8	339.9	99.9	99.9	6.4 329.	0.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTREVILLE, ALABAMA

26 APRIL 1976
212 GMT

TIME MUT	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POZ T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DEG
00.0	6.7	140.0	990.0	16.1	15.8	340.0	4.1	1.4	-3.9	290.1	319.5	11.5	99.0	0.0	0.
00.7	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	8.1	278.2	975.0	15.5	14.2	499.9	99.9	99.9	99.9	290.8	318.0	10.5	91.9	999.9	999.9
1.4	10.4	498.7	950.0	13.9	12.5	999.9	99.9	99.9	99.9	291.3	316.4	9.7	91.7	999.9	999.9
2.3	12.7	715.6	925.0	12.6	11.3	14.2	14.6	-3.6	-14.1	292.2	316.1	9.1	91.5	1.4	182.
3.2	15.2	945.8	900.0	11.6	10.3	20.0	14.1	-5.5	-15.2	293.5	316.6	8.8	91.3	2.2	188.
4.0	17.6	1181.9	875.0	10.0	9.4	23.8	15.1	-6.1	-15.9	295.0	317.5	8.5	91.2	3.0	192.
4.9	20.0	1423.8	850.0	10.0	8.6	16.6	15.4	-6.4	-16.7	296.7	318.9	8.3	90.6	3.8	194.
5.9	22.5	1672.4	825.0	9.0	7.7	7.0	15.2	-1.8	-15.1	298.1	318.4	7.5	85.6	4.6	194.
6.8	25.1	1927.3	800.0	7.9	3.8	0.0	16.3	-0.0	-16.3	299.6	317.8	6.3	75.1	5.6	194.
7.7	27.4	2189.9	775.0	7.5	2.7	33.4	15.4	1.8	-16.3	301.5	318.7	6.0	71.4	6.4	192.
8.7	30.0	2456.6	750.0	5.8	2.0	352.0	15.4	2.0	-16.2	302.5	319.5	5.9	76.7	7.2	188.
9.7	32.6	2737.3	725.0	4.2	1.8	351.1	15.6	2.1	-13.4	304.1	321.1	6.0	63.9	8.0	186.
10.7	35.3	3022.2	700.0	2.2	0.0	348.2	10.5	2.1	-10.3	304.8	320.5	5.5	85.8	8.7	185.
11.6	38.0	3315.9	675.0	1.1	-0.7	346.6	9.9	2.4	-8.6	306.9	322.5	5.4	87.9	9.3	183.
12.6	40.7	3619.0	650.0	-0.4	-2.1	346.5	7.6	1.8	-7.4	308.5	323.1	5.1	88.4	9.9	182.
13.6	43.4	3932.4	625.0	-2.0	-3.8	350.0	9.3	1.6	-9.1	310.2	323.8	4.6	87.5	10.5	181.
14.6	46.1	4256.4	600.0	-3.4	-5.4	344.4	8.7	0.9	-8.7	312.1	324.8	4.3	86.1	11.3	181.
15.6	48.3	4592.0	575.0	-5.7	-7.6	4.1	7.4	-0.5	-7.4	313.3	324.6	3.7	86.3	11.9	181.
16.6	50.2	4936.6	550.0	-8.0	-9.7	14.3	7.0	-1.7	-6.8	314.7	324.8	3.3	87.0	12.4	181.
17.6	52.2	5300.3	525.0	-10.1	-11.7	58.7	3.9	-3.3	-2.0	316.2	325.5	3.0	87.5	12.8	182.
18.6	54.4	5675.4	500.0	-12.3	-14.1	98.1	3.0	-3.0	0.4	318.1	326.2	2.6	85.9	12.8	183.
19.6	56.5	6065.8	475.0	-14.9	-16.7	95.5	3.4	-3.4	0.3	319.2	326.5	2.2	86.1	12.7	186.
20.6	58.9	6473.0	450.0	-17.8	-19.5	79.7	4.1	-4.0	-0.7	320.9	326.7	1.8	86.3	12.9	186.
21.6	61.1	6896.4	425.0	-20.8	-27.3	68.7	4.5	-4.2	-1.6	322.4	325.6	1.0	55.5	13.0	188.
22.6	63.5	7342.5	400.0	-24.4	-35.5	68.2	6.7	-6.2	-2.5	323.2	323.3	0.6	1.0	13.3	189.
23.6	65.9	7811.1	375.0	-27.9	-43.9	68.2	8.8	-8.2	-3.3	325.2	323.3	99.9	999.9	13.6	193.
24.6	68.1	8303.5	350.0	-31.7	-51.9	51.5	6.0	-8.7	-3.6	326.0	323.3	99.9	999.9	14.2	195.
25.6	70.3	8822.9	325.0	-36.3	-59.9	29.1	4.1	-2.0	-3.6	326.7	323.3	99.9	999.9	14.7	196.
26.6	72.5	9372.1	300.0	-41.4	-67.9	56.2	4.7	-3.9	-2.6	327.1	323.3	99.9	999.9	15.1	196.
27.6	74.7	9956.7	275.0	-46.0	-75.9	92.3	8.6	-8.6	0.3	328.6	323.3	99.9	999.9	15.6	200.
28.6	76.9	10564.6	250.0	-50.9	-83.9	126.2	10.3	-8.3	6.1	330.2	323.3	99.9	999.9	16.8	227.
29.6	79.1	11261.8	225.0	-56.4	-91.9	130.4	11.0	-8.3	7.1	332.1	323.3	99.9	999.9	17.0	212.
30.6	81.3	12001.6	200.0	-60.1	-99.9	127.7	10.1	-8.0	6.2	337.7	323.3	99.9	999.9	18.1	219.
31.6	83.5	12834.8	175.0	-65.7	-107.9	172.8	10.5	-7.3	10.4	351.3	323.3	99.9	999.9	18.8	227.
32.6	85.7	13792.5	150.0	-62.5	-115.9	205.4	10.4	9.5	9.4	362.5	323.3	99.9	999.9	19.5	240.
33.6	87.9	14925.1	125.0	-61.7	-123.9	231.9	11.2	9.1	6.6	383.3	323.3	99.9	999.9	20.5	238.
34.6	90.1	16307.9	100.0	-56.6	-131.9	274.4	8.2	6.6	4.7	412.6	323.3	99.9	999.9	21.5	236.
35.6	92.3	17089.6	75.0	-61.8	-139.9	216.8	5.3	3.2	4.2	443.3	323.3	99.9	999.9	22.5	241.
36.6	94.5	18084.6	50.0	-56.4	-147.9	237.7	4.1	3.5	2.2	510.6	323.3	99.9	999.9	23.5	240.
37.6	96.7	19072.5	25.0	-50.4	-155.9	103.4	2.6	-2.7	0.6	640.1	323.3	99.9	999.9	24.5	240.

* 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 9Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTREVILLE, ALABAMA

26 APRIL 1970
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEP PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	W R TBS CM/KG	WV PCT	RANGE KM	AZ DEG
0.0	6.7	140.0	589.4	16.0	15.7	340.0	5.1	0.0	-5.1	290.0	319.3	11.0	90.0	0.0	0.0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.0	245.1	975.0	16.0	14.5	9.0	12.0	-1.9	-11.9	291.0	319.0	10.7	91.1	0.2	101.0
1.4	10.4	486.1	950.0	14.0	13.2	17.0	15.2	-4.0	-14.0	292.0	319.0	10.1	90.1	0.0	100.0
2.3	12.7	712.1	925.0	14.2	12.4	21.0	16.7	-5.4	-13.7	293.0	319.0	9.0	88.7	1.7	105.0
3.2	15.1	943.7	900.0	13.0	11.2	15.7	11.3	-3.1	-10.9	294.0	319.7	9.4	89.0	2.5	107.0
4.1	17.5	1180.0	875.0	11.6	10.2	6.0	9.0	-1.0	-9.7	295.0	319.7	9.0	89.0	3.0	104.0
5.0	19.9	1423.1	850.0	10.6	9.2	352.9	9.1	1.1	-9.1	297.3	320.4	8.6	90.7	3.0	104.0
6.0	22.4	1672.2	825.0	9.3	7.8	339.0	8.0	3.2	-8.2	298.0	320.4	8.1	90.8	3.0	104.0
7.0	24.9	1926.9	800.0	7.2	5.8	338.1	10.2	3.0	-9.8	298.5	318.7	7.3	90.0	4.0	107.0
8.7	27.5	2180.0	775.0	6.4	4.0	337.4	12.1	4.0	-11.1	300.7	320.0	6.7	89.0	5.0	100.0
9.0	30.1	2457.4	750.0	5.2	3.7	340.7	13.3	4.4	-12.6	302.2	319.5	5.8	88.1	6.0	100.0
10.0	32.7	2732.9	725.0	3.1	1.3	342.9	13.0	4.0	-13.0	302.6	320.0	5.2	76.1	7.3	170.0
11.0	35.3	3018.9	700.0	3.1	-0.7	344.9	15.2	4.0	-14.7	305.5	320.0	4.6	71.1	8.3	175.0
12.0	38.1	3313.1	675.0	1.9	-2.8	342.5	19.4	5.8	-10.5	307.0	321.0	4.6	54.4	9.6	173.0
13.0	40.9	3617.2	650.0	0.4	-7.2	340.1	22.5	7.7	-11.1	309.4	319.0	3.4	54.4	10.0	171.0
14.0	43.6	3931.1	625.0	-1.9	-6.0	340.2	19.7	5.4	-19.0	310.3	321.9	3.0	73.5	10.0	171.0
15.0	45.4	4255.1	600.0	-3.3	-8.7	352.2	18.0	2.4	-17.8	312.3	322.2	3.3	66.1	12.0	171.0
16.0	49.4	4590.7	575.0	-5.5	-13.3	350.2	17.1	2.9	-16.8	313.6	321.0	2.4	53.7	13.2	171.0
17.2	52.4	4932.1	550.0	-8.0	-14.8	346.9	16.0	4.2	-15.4	315.0	321.0	2.2	58.1	14.4	171.0
19.3	55.4	5257.7	525.0	-11.2	-12.7	346.9	13.9	3.1	-13.9	316.0	323.4	2.7	88.4	15.4	170.0
20.5	61.8	5671.8	500.0	-12.5	-13.8	345.4	8.4	2.1	-8.1	317.2	320.0	2.6	90.2	16.1	170.0
21.8	65.0	6062.2	475.0	-14.9	-17.5	323.2	2.1	1.2	-1.7	319.5	320.0	2.0	81.0	16.3	170.0
23.2	68.4	6465.3	450.0	-17.0	-20.3	353.4	4.3	0.5	-4.2	320.6	320.3	1.7	80.4	16.5	170.0
24.5	71.9	6893.1	425.0	-20.6	-22.8	356.8	5.5	0.3	-5.5	322.0	327.3	1.4	83.0	17.0	170.0
26.3	75.5	7808.8	375.0	-23.6	-25.4	14.2	6.3	-1.6	-0.1	320.3	320.3	1.2	83.0	17.4	171.0
28.0	79.2	8255.0	350.0	-28.2	-32.1	28.4	7.4	-3.5	-0.5	320.3	320.3	0.7	83.0	18.0	172.0
29.7	83.1	8815.3	325.0	-32.1	-36.4	28.6	7.1	-3.4	-0.2	320.3	320.3	0.5	83.0	18.6	173.0
31.5	87.2	9368.0	300.0	-36.2	-41.0	33.2	7.4	-0.1	-0.2	320.3	320.3	0.3	80.5	19.2	175.0
33.4	91.3	9952.7	275.0	-41.4	-49.9	44.0	6.3	-0.4	-0.5	327.0	309.9	0.9	99.9	19.6	176.0
35.5	95.0	10576.9	250.0	-46.6	-49.9	64.0	4.6	-4.1	-2.0	327.0	309.9	0.9	99.9	20.2	177.0
37.7	100.0	11249.3	225.0	-52.3	-49.9	135.0	5.2	-3.7	3.7	320.3	309.9	0.9	99.9	20.1	179.0
40.1	105.8	11926.3	200.0	-57.4	-49.9	159.6	4.0	-1.7	4.6	320.3	309.9	0.9	99.9	19.3	180.0
43.2	111.3	12815.4	175.0	-62.0	-49.9	239.3	3.9	3.4	1.1	320.3	309.9	0.9	99.9	19.0	180.0
46.5	117.3	13764.4	150.0	-66.1	-49.9	239.3	7.2	4.0	2.0	320.3	309.9	0.9	99.9	18.2	177.0
50.5	123.0	14698.2	125.0	-61.6	-49.9	234.7	9.0	7.3	5.9	320.3	309.9	0.9	99.9	16.9	172.0
55.0	131.3	16291.0	100.0	-58.5	-49.9	216.2	8.7	5.2	7.0	412.7	309.9	0.9	99.9	15.8	163.0
62.0	139.3	18072.9	75.0	-60.6	-49.9	213.9	6.8	3.8	8.6	405.0	309.9	0.9	99.9	13.8	154.0
70.0	148.5	20583.4	50.0	-58.4	-49.9	244.8	3.8	3.6	1.6	405.0	309.9	0.9	99.9	12.5	145.0
85.2	158.0	25020.0	25.0	-52.0	-49.9	328.4	5.2	2.7	-4.4	405.0	309.9	0.9	99.9	13.4	146.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

26 APRIL 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX WIND GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.0	148.0	989.6	14.6	14.3	599.9	99.9	99.9	99.9	288.6	315.3	10.4	98.0	999.9	999.9
95.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	8.3	246.2	575.0	14.8	13.8	999.9	99.9	99.9	99.9	290.0	316.4	10.3	94.0	999.9	999.9
1.2	13.6	487.1	550.0	15.7	13.5	999.9	99.9	99.9	99.9	293.1	320.1	10.4	87.3	999.9	999.9
2.1	12.9	713.4	525.0	14.7	10.6	999.9	99.9	99.9	99.9	294.3	317.4	8.7	76.4	999.9	999.9
2.9	15.2	945.5	500.0	14.0	9.3	999.9	99.9	99.9	99.9	295.4	317.9	8.2	73.3	999.9	999.9
3.7	17.6	1183.1	875.0	12.8	9.1	999.9	99.9	99.9	99.9	297.1	319.6	8.4	78.4	999.9	999.9
4.6	22.0	1426.5	850.0	11.5	6.4	999.9	99.9	99.9	99.9	298.2	317.6	7.1	70.7	999.9	999.9
5.4	22.4	1676.2	825.0	10.3	5.8	999.9	99.9	99.9	99.9	299.5	316.6	7.1	73.8	999.9	999.9
6.3	24.9	1931.9	800.0	9.0	2.3	999.9	99.9	99.9	99.9	300.6	316.6	5.7	62.9	999.9	999.9
7.2	27.3	2194.4	775.0	7.1	2.0	999.9	99.9	99.9	99.9	301.4	317.4	5.7	70.1	999.9	999.9
8.1	23.9	2464.0	750.0	5.7	1.3	999.9	99.9	99.9	99.9	302.2	316.6	5.6	73.6	999.9	999.9
9.2	32.4	2741.5	725.0	6.0	-38.7	599.9	99.9	99.9	99.9	306.1	312.8	3.6	57.2	999.9	999.9
10.1	35.0	3027.9	700.0	4.9	-16.0	999.9	99.9	99.9	99.9	307.5	312.7	1.6	20.3	999.9	999.9
11.2	37.9	3323.3	675.0	2.3	-5.4	999.9	99.9	99.9	99.9	308.3	319.5	3.6	57.2	999.9	999.9
12.3	43.4	3627.2	650.0	-0.0	-6.6	999.9	99.9	99.9	99.9	309.0	319.6	3.6	60.9	999.9	999.9
13.4	43.2	3940.3	625.0	-2.2	-10.2	999.9	99.9	99.9	99.9	309.5	318.4	2.8	54.1	999.9	999.9
14.5	46.0	4263.2	600.0	-4.4	-30.4	999.9	99.9	99.9	99.9	311.1	312.8	0.5	10.9	999.9	999.9
15.6	44.9	4597.1	575.0	-6.5	-45.2	999.9	99.9	99.9	99.9	312.3	312.8	0.1	2.9	999.9	999.9
16.6	51.8	4942.9	550.0	-8.8	-55.5	999.9	99.9	99.9	99.9	314.6	315.2	0.2	6.1	999.9	999.9
17.3	54.8	5301.1	525.0	-11.5	-41.7	999.9	99.9	99.9	99.9	315.6	315.7	0.0	1.0	999.9	999.9
18.3	57.9	5672.9	500.0	-14.3	-59.0	999.9	99.9	99.9	99.9	317.5	317.6	0.0	1.0	999.9	999.9
20.6	63.9	6068.0	475.0	-16.5	-60.4	999.9	99.9	99.9	99.9	319.6	319.6	0.0	1.0	999.9	999.9
22.1	64.1	6464.8	450.0	-18.8	-59.1	999.9	99.9	99.9	99.9	320.5	322.9	0.7	46.5	999.9	999.9
23.4	67.5	6887.9	425.0	-22.2	-30.8	999.9	99.9	99.9	99.9	323.4	327.2	1.1	85.2	999.9	999.9
24.9	70.9	7331.5	400.0	-24.3	-26.1	999.9	99.9	99.9	99.9	325.7	327.6	0.8	78.1	999.9	999.9
26.6	74.4	7799.5	375.0	-27.6	-30.3	999.9	99.9	99.9	99.9	326.6	328.0	0.3	61.4	999.9	999.9
28.3	78.0	8291.5	350.0	-31.9	-35.7	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
29.9	81.9	8810.1	325.0	-36.2	-40.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
32.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
34.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.5	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
42.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
45.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
48.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
51.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
54.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
57.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
60.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
63.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

25 APRIL 1979
1100 G-T

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WX RTO CAL/KG	RH PCT	RANGE KM	AZ DEG
0.0	4.7	1.0	1008.2	19.3	18.6	60.0	1.5	-1.3	-0.7	291.8	326.5	13.6	94.0	0.0	0.0
0.3	5.2	71.8	1000.0	20.1	19.4	999.9	99.9	99.9	99.9	293.2	330.2	14.4	94.0	999.9	999.9
1.2	7.2	290.6	975.0	18.4	17.7	999.9	99.9	99.9	99.9	293.7	327.9	13.2	95.8	999.9	999.9
2.0	9.2	513.7	950.0	17.6	16.9	999.9	99.9	99.9	99.9	295.0	328.8	12.0	95.6	0.3	235.0
2.9	11.3	742.0	925.0	16.3	15.5	317.5	2.0	1.3	-1.5	295.9	327.7	12.1	95.4	0.3	222.0
3.8	13.3	975.3	900.0	15.2	14.2	295.6	2.0	2.6	-1.3	297.2	327.4	11.4	93.4	0.4	190.0
4.6	15.4	1214.4	875.0	13.5	12.7	298.8	3.4	3.0	-1.7	297.9	325.1	10.6	94.5	0.6	172.0
5.7	17.5	1458.7	850.0	12.0	11.3	316.8	5.5	3.7	-4.0	298.2	325.5	10.0	95.1	0.6	159.0
6.7	19.7	1709.1	825.0	11.0	9.8	306.5	6.3	5.1	-3.8	308.2	325.9	9.3	92.4	0.9	148.0
7.6	21.9	1966.3	800.0	10.7	6.6	298.2	5.6	4.0	-2.7	302.6	323.9	7.7	76.0	1.2	141.0
8.6	24.2	2231.1	775.0	9.4	4.8	290.1	4.1	3.9	-1.5	304.8	323.5	7.0	72.7	1.5	136.0
9.5	26.5	2502.6	750.0	7.3	2.9	288.1	4.2	4.0	-1.3	306.5	315.0	6.3	73.6	1.7	133.0
10.5	29.8	2781.3	725.0	6.4	-10.0	299.5	3.6	3.1	-1.8	307.3	312.8	2.6	34.2	2.2	127.0
11.5	31.3	3068.0	700.0	4.4	-10.6	316.8	3.5	2.4	-2.5	308.7	312.8	1.3	52.8	2.6	120.0
12.7	33.8	3343.0	675.0	2.7	-18.6	322.1	3.4	2.4	-3.0	310.1	320.0	3.3	52.8	2.6	120.0
13.6	36.1	3667.3	650.0	1.0	-7.8	324.6	5.3	2.3	-4.8	312.0	314.2	0.7	11.4	2.9	131.0
14.7	38.6	3981.9	625.0	-0.4	-28.9	334.6	5.3	2.3	-6.4	313.9	314.1	0.1	1.2	3.3	135.0
16.0	41.2	4307.2	600.0	-2.0	-49.5	340.2	6.8	2.3	-8.4	314.7	315.6	0.1	1.5	3.8	138.0
17.3	44.0	4643.2	575.0	-4.8	-49.4	329.9	7.4	3.7	-8.4	315.2	315.6	0.1	1.8	4.4	138.0
18.5	46.8	4991.1	550.0	-7.4	-49.7	315.8	7.9	5.5	-5.7	316.2	316.9	0.2	5.4	4.9	137.0
19.8	49.6	5351.5	525.0	-10.2	-41.8	303.2	7.1	5.9	-3.9	316.6	317.2	0.2	5.7	5.5	135.0
21.1	52.6	5725.1	500.0	-13.5	-43.7	294.6	7.3	6.7	-3.1	318.1	318.5	0.1	3.9	6.8	133.0
22.4	55.6	6118.9	475.0	-16.0	-49.5	280.7	8.6	8.4	-1.6	318.4	320.8	0.5	26.7	7.4	127.0
23.9	58.8	6517.4	450.0	-19.8	-34.3	280.2	8.0	7.0	-3.9	319.0	322.7	1.1	82.4	8.1	127.0
25.4	63.0	6938.8	425.0	-23.4	-25.6	298.8	6.1	5.3	-3.0	320.8	323.6	0.9	84.4	8.1	127.0
26.9	65.4	7375.5	400.0	-26.0	-28.8	299.1	6.1	5.3	-3.0	322.2	324.8	0.7	85.3	8.5	125.0
28.5	69.0	7842.4	375.0	-29.7	-31.4	270.3	5.3	5.3	-0.3	322.7	324.5	0.5	86.3	9.0	123.0
30.3	72.6	8338.3	350.0	-34.2	-35.6	273.0	5.6	4.5	-2.1	324.1	325.2	0.3	68.9	9.5	122.0
32.2	76.3	8844.5	325.0	-38.2	-41.7	294.7	5.8	4.5	-4.7	325.5	325.5	99.9	999.9	10.2	122.0
34.4	80.3	9398.1	300.0	-42.5	-49.7	332.1	5.3	2.5	-4.5	328.7	328.7	99.9	999.9	10.6	125.0
36.5	84.4	9973.9	275.0	-46.0	-55.0	12.0	4.6	-1.0	-4.5	331.4	328.7	99.9	999.9	10.6	125.0
39.0	89.0	10681.7	250.0	-50.3	-57.1	85.6	2.2	-2.2	-0.2	334.3	328.7	99.9	999.9	10.3	127.0
41.6	93.5	11283.1	225.0	-55.0	-59.9	161.1	2.7	-0.9	3.8	342.3	328.7	99.9	999.9	10.3	125.0
44.4	98.5	12031.9	200.0	-57.1	-59.9	214.0	4.6	2.6	3.2	351.7	328.7	99.9	999.9	10.7	119.0
47.5	103.8	12871.6	175.0	-59.5	-59.9	242.6	0.9	0.1	0.3	364.3	328.7	99.9	999.9	11.2	113.0
51.0	109.8	13831.4	150.0	-61.4	-59.9	226.0	0.1	0.5	7.3	386.6	328.7	99.9	999.9	12.9	101.0
55.2	116.0	14963.7	125.0	-59.9	-59.9	231.8	11.0	9.3	0.3	408.9	328.7	99.9	999.9	16.9	93.0
60.3	121.3	16323.5	100.0	-61.8	-59.9	228.0	9.7	7.2	0.3	441.1	328.7	99.9	999.9	17.7	86.0
66.8	131.7	18121.8	75.0	-62.9	-59.9	223.3	7.2	4.9	5.2	511.2	328.7	99.9	999.9	18.6	82.0
75.4	141.3	20428.6	50.0	-56.2	-59.9	116.1	5.7	-5.2	-1.1	640.5	328.7	99.9	999.9	13.8	80.0
89.0	153.0	25128.2	25.0	-47.0	-59.9	83.0	8.7	-8.7	-1.1						

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

25 APRIL 1979
1400 GMT

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.0	1.0	1009.3	21.4	20.7	350.0	2.6	0.5	-2.6	293.8	333.6	15.5	96.0	0.0	0.
0.3	5.6	81.7	1000.0	20.9	19.7	999.9	99.9	99.9	99.9	294.0	331.7	14.6	92.9	999.9	999.
1.1	7.6	301.1	575.0	19.8	18.4	999.9	99.9	99.9	99.9	295.1	331.1	13.9	91.7	999.9	999.
2.1	9.7	525.2	550.0	16.2	17.1	999.9	99.9	99.9	99.9	295.7	329.9	13.1	93.3	0.5	141.
2.9	11.6	754.0	925.0	16.7	15.7	309.1	5.5	4.3	-3.5	296.4	328.7	12.3	93.8	0.7	138.
3.8	13.8	987.7	900.0	15.3	14.1	309.0	6.5	5.1	-4.1	297.2	327.3	11.4	92.9	1.0	135.
4.8	15.8	1226.5	875.0	13.8	12.7	315.7	5.5	3.8	-3.9	298.1	326.4	10.6	92.9	1.4	135.
5.7	17.9	1471.1	850.0	12.6	11.4	320.8	4.7	2.9	-3.6	299.4	325.7	10.2	93.6	1.7	135.
6.6	20.2	1721.9	825.0	11.5	8.7	314.4	5.1	3.6	-3.6	300.6	324.2	8.6	82.8	1.9	136.
7.6	22.4	1979.9	800.0	11.4	6.0	301.9	5.5	4.7	-2.9	303.3	323.7	7.4	69.6	2.2	134.
8.7	24.7	2244.8	775.0	9.9	3.8	296.5	6.3	5.6	-2.8	305.2	322.8	6.5	65.4	2.6	132.
9.6	26.9	2516.8	750.0	8.2	-2.8	297.7	5.3	4.7	-2.5	305.5	317.6	4.2	45.0	2.9	130.
10.6	29.4	2756.4	725.0	6.9	-5.3	308.6	3.9	3.1	-2.5	307.1	317.7	3.6	41.9	3.2	130.
11.9	31.9	3084.3	700.0	5.3	2.4	329.1	3.1	1.6	-2.7	308.3	327.0	6.5	82.0	3.4	130.
12.9	34.4	3381.0	675.0	3.6	-7.4	323.7	4.5	2.7	-3.7	309.7	319.5	0.3	44.6	3.6	131.
14.0	36.9	3666.6	650.0	2.2	-23.1	323.7	5.7	3.4	-4.6	311.2	314.5	0.9	13.3	4.0	132.
15.3	39.5	4002.7	625.0	0.9	-34.3	317.2	6.0	4.1	-4.4	313.2	314.6	0.3	5.1	4.4	133.
16.5	42.1	4324.9	600.0	-1.8	-35.8	299.5	6.9	6.0	-3.4	315.0	315.0	0.3	5.3	4.9	133.
17.9	45.0	4665.4	575.0	-4.8	-37.4	297.7	7.8	6.9	-3.6	315.4	315.3	0.2	5.9	6.1	130.
19.1	47.9	5013.3	550.0	-7.4	-38.9	301.0	8.9	7.6	-4.7	315.4	316.2	0.2	5.9	6.1	130.
20.4	50.7	5373.8	525.0	-5.0	-40.3	306.9	9.5	7.6	-5.7	316.6	317.4	0.2	6.1	6.8	129.
21.7	53.8	5748.1	500.0	-12.6	-41.1	313.4	9.3	6.8	-6.4	317.6	318.4	0.2	7.2	7.5	129.
23.1	56.8	6137.2	475.0	-16.0	-37.0	312.4	10.3	6.8	-7.7	319.2	319.4	0.2	14.4	8.4	130.
24.6	59.1	6542.4	450.0	-18.7	-41.0	321.6	10.7	6.6	-8.4	319.7	320.6	0.2	12.0	9.3	131.
26.2	63.6	6965.9	425.0	-21.8	-30.4	323.9	10.1	6.0	-8.2	321.0	323.5	0.7	46.1	10.2	132.
27.7	66.9	7406.2	400.0	-25.5	-30.7	330.9	11.4	5.5	-9.9	321.2	324.3	0.7	61.9	11.2	133.
29.4	70.6	7873.8	375.0	-25.6	-32.9	334.0	10.9	4.8	-9.8	322.5	324.7	0.6	72.6	12.3	135.
31.1	74.3	8362.2	350.0	-33.5	-37.0	323.9	9.6	5.7	-7.8	323.2	325.2	0.4	70.0	13.3	136.
32.8	78.3	8877.8	325.0	-37.7	-41.4	318.8	9.2	6.1	-6.9	324.8	325.9	0.3	67.2	14.3	137.
34.8	82.4	9424.9	300.0	-42.2	99.9	329.5	5.7	2.9	-4.9	325.9	329.9	99.9	99.9	15.2	137.
36.9	86.7	10006.0	275.0	-46.4	99.9	332.6	3.0	1.4	-2.7	328.1	329.9	99.9	99.9	15.7	138.
39.1	91.4	10635.7	250.0	-50.3	99.9	295.0	3.3	3.2	-0.9	331.4	329.9	99.9	99.9	16.1	137.
41.6	96.4	11317.6	225.0	-54.1	99.9	272.5	2.9	2.8	-0.1	335.6	329.9	99.9	99.9	16.3	136.
44.2	101.6	12066.8	200.0	-57.2	99.9	273.8	3.8	3.8	-0.3	342.2	329.9	99.9	99.9	16.7	135.
47.2	107.6	12911.3	175.0	-58.4	99.9	258.1	7.2	7.6	1.6	353.5	329.9	99.9	99.9	17.6	133.
50.6	114.0	13875.5	150.0	-60.5	99.9	209.1	9.4	4.6	8.2	365.5	329.9	99.9	99.9	17.7	128.
54.7	121.3	15013.1	125.0	-56.0	99.9	221.2	8.6	5.7	6.5	388.3	329.9	99.9	99.9	17.8	120.
59.4	129.3	16667.6	100.0	-60.4	99.9	228.3	9.6	7.2	6.4	411.8	329.9	99.9	99.9	18.4	114.
65.3	138.3	18186.2	75.0	-62.3	99.9	224.9	7.2	5.1	5.1	442.3	329.9	99.9	99.9	20.1	106.
73.6	147.7	20592.5	50.0	-57.2	99.9	232.0	5.8	3.7	-1.2	501.5	329.9	99.9	99.9	20.6	104.
86.5	157.3	25166.6	25.0	-68.1	99.9	999.9	99.9	99.9	99.9	666.8	329.9	99.9	99.9	19.4	109.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 9V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA
25 APRIL 1979
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHYS MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.8	1.0	1009.5	23.3	20.1	20.0	4.1	-1.4	-3.9	295.7	334.1	14.8	82.0	18.6	0
0.3	4.7	43.2	1000.0	20.6	18.4	999.9	99.9	99.9	99.9	293.6	328.6	13.5	87.0	99.9	0.0
1.1	6.6	302.6	975.0	19.5	18.4	999.9	99.9	99.9	99.9	294.8	330.7	13.8	93.4	99.9	99.9
2.0	8.7	526.5	550.0	18.4	17.3	999.9	99.9	99.9	99.9	295.2	330.5	13.3	93.7	99.9	99.9
2.8	10.8	725.7	925.0	17.7	16.1	999.9	99.9	99.9	99.9	297.4	330.6	12.6	98.7	99.9	99.9
3.6	13.0	990.0	900.0	16.0	14.0	305.5	7.3	5.9	-4.4	298.0	329.0	11.3	97.9	99.9	99.9
4.5	15.2	1236.0	875.0	14.9	13.4	295.4	7.0	6.9	-4.2	298.3	329.1	11.2	90.8	99.9	99.9
5.3	17.4	1425.7	850.0	13.5	12.2	287.3	6.8	6.5	-3.3	299.3	328.7	10.6	91.5	99.9	99.9
6.3	19.7	1726.9	825.0	11.5	9.3	293.8	6.2	5.7	-2.0	300.3	328.7	10.6	91.5	99.9	99.9
7.3	21.9	1983.9	800.0	10.5	6.1	302.6	7.5	6.3	-2.5	300.7	329.2	9.0	86.8	99.9	99.9
8.3	24.3	2248.9	775.0	9.0	5.0	307.2	7.3	5.0	-4.0	302.3	329.9	7.4	74.4	99.9	99.9
9.3	26.6	2521.1	750.0	8.3	1.1	313.1	5.8	4.1	-4.4	304.6	325.4	7.5	75.7	99.9	99.9
10.4	29.1	2800.5	725.0	7.3	-0.9	312.3	5.5	4.1	-3.8	305.6	321.5	5.6	60.7	99.9	99.9
11.6	31.7	3089.0	700.0	6.5	-10.0	295.5	3.2	2.6	-2.4	307.6	316.9	3.2	35.6	99.9	99.9
12.6	34.3	3382.2	675.0	4.7	-20.2	286.7	3.6	3.5	-1.4	309.7	317.5	2.6	29.5	99.9	99.9
13.7	36.8	3672.2	650.0	3.9	-31.5	290.0	4.3	4.1	-1.0	310.9	314.6	1.1	14.5	99.9	99.9
14.9	39.6	4010.3	625.0	1.6	-32.8	291.3	5.5	5.2	-1.5	313.4	314.8	0.4	5.4	99.9	99.9
16.1	42.1	4337.2	600.0	-1.1	-34.3	295.1	6.8	6.7	-2.9	314.8	315.6	0.4	5.6	99.9	99.9
17.3	44.9	4675.0	575.0	-3.3	-35.5	300.2	7.6	6.6	-3.8	316.1	317.2	0.3	6.1	99.9	99.9
18.8	47.9	5025.3	550.0	-6.1	-36.2	306.9	8.7	7.0	-5.2	316.6	318.3	0.4	6.7	99.9	99.9
20.1	50.7	5307.4	525.0	-8.9	-38.0	310.6	10.0	7.6	-6.5	317.7	318.6	0.2	6.7	99.9	99.9
21.6	53.8	5763.0	500.0	-11.7	-40.5	310.1	10.5	8.1	-6.8	318.6	319.6	0.2	7.0	99.9	99.9
23.4	56.0	6123.5	475.0	-14.8	-42.5	310.3	11.7	8.9	-7.5	319.6	320.3	0.2	7.3	99.9	99.9
25.2	63.4	6925.7	425.0	-17.8	-44.4	306.1	12.2	9.9	-7.2	320.6	321.4	0.2	7.6	99.9	99.9
27.0	65.7	7436.3	400.0	-20.9	-46.4	303.9	11.6	9.7	-6.5	322.2	322.7	0.1	8.0	99.9	99.9
29.4	70.4	7956.2	375.0	-24.7	-49.0	309.2	10.7	8.3	-6.8	322.8	323.2	0.1	8.4	99.9	99.9
31.0	74.0	8485.4	350.0	-28.6	-47.8	316.6	10.3	7.0	-7.5	323.3	323.8	0.1	14.1	99.9	99.9
32.8	78.0	8902.7	325.0	-33.2	-48.3	315.4	10.3	7.2	-7.3	324.8	324.5	0.1	20.1	99.9	99.9
34.8	82.0	9456.8	300.0	-41.7	-50.8	316.0	9.7	6.7	-7.0	325.7	327.0	0.4	75.1	99.9	99.9
36.9	86.0	10034.8	275.0	-45.9	-50.9	321.7	6.2	3.8	-4.9	326.6	329.9	99.9	99.9	99.9	99.9
39.0	90.7	10662.9	250.0	-49.1	-50.9	301.6	6.8	7.5	-4.6	328.8	329.9	99.9	99.9	99.9	99.9
41.4	95.5	11344.9	225.0	-53.9	-50.9	297.0	8.2	7.3	-3.7	331.6	329.9	99.9	99.9	99.9	99.9
44.2	100.6	12097.9	200.0	-59.5	-50.9	281.2	5.8	5.7	-1.1	335.5	329.9	99.9	99.9	99.9	99.9
47.1	106.3	12938.8	175.0	-59.6	-50.9	264.9	5.3	5.2	1.2	341.6	329.9	99.9	99.9	99.9	99.9
50.6	112.5	13906.8	150.0	-58.7	-50.9	209.5	10.2	5.0	0.9	348.8	329.9	99.9	99.9	99.9	99.9
54.5	119.3	15049.9	125.0	-56.1	-50.9	218.1	10.5	6.8	8.3	359.5	329.9	99.9	99.9	99.9	99.9
59.1	127.3	16451.1	100.0	-41.2	-50.9	229.8	11.3	8.6	7.3	409.8	329.9	99.9	99.9	99.9	99.9
65.4	136.3	18242.1	75.0	-61.4	-50.9	229.7	5.7	4.4	3.7	444.3	329.9	99.9	99.9	99.9	99.9
73.5	145.0	20774.4	50.0	-61.4	-50.9	265.8	5.4	5.4	0.4	514.3	329.9	99.9	99.9	99.9	99.9
86.6	154.7	25318.7	25.0	-47.1	-50.9	92.7	9.0	-9.0	0.4	649.6	329.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 25 APRIL 1979
 2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.6	1.0	1007.9	24.1	19.8	330.0	3.6	1.8	-3.1	296.6	330.7	14.6	77.0	168	15.0
0.4	4.6	69.8	1000.0	22.0	18.1	999.9	3.6	99.9	99.9	295.1	329.5	13.2	76.8	999.9	999.9
1.3	6.6	285.8	975.0	20.4	17.4	999.9	99.9	99.9	99.9	295.1	329.5	13.2	82.9	999.9	999.9
2.2	6.9	514.1	950.0	18.9	15.2	999.9	99.9	99.9	99.9	296.7	326.7	11.5	79.4	99.9	99.9
3.0	10.9	743.3	925.0	17.0	15.4	310.3	6.5	5.0	-4.2	296.7	326.7	12.0	98.5	99.9	99.9
3.9	13.3	977.3	900.0	15.6	13.8	311.5	6.6	5.0	-4.4	297.6	327.6	11.1	88.9	1.3	133.0
4.8	15.5	1216.3	875.0	14.0	12.8	307.9	7.6	6.0	-4.7	298.4	328.4	10.7	92.3	1.7	133.0
5.7	17.8	1461.0	850.0	12.5	11.5	304.4	6.8	5.6	-3.9	299.3	328.9	10.1	93.2	2.1	131.0
6.7	20.3	1711.6	825.0	11.2	9.7	311.1	7.7	5.8	-5.1	300.4	325.3	9.2	98.4	8.5	131.0
7.7	22.6	1965.0	800.0	10.1	7.4	311.3	10.6	7.5	-6.6	302.6	324.4	8.2	83.3	3.6	131.0
8.8	25.1	2232.6	775.0	8.8	6.5	312.7	6.2	6.0	-5.5	302.4	324.2	7.9	90.2	3.7	131.0
10.0	27.6	2503.7	750.0	7.2	2.0	307.7	6.5	5.1	-4.0	304.4	321.2	5.9	69.7	4.1	131.0
11.1	30.2	2782.2	725.0	6.5	-9.7	303.8	6.3	5.2	-3.5	306.6	314.2	2.5	30.3	4.1	130.0
12.2	33.0	3065.4	700.0	6.2	-30.2	306.0	6.7	5.5	-4.0	309.4	310.9	0.4	5.2	5.0	130.0
13.3	35.6	3366.5	675.0	4.3	-26.7	304.6	7.7	6.3	-4.4	311.2	312.6	0.5	7.4	5.4	130.0
14.3	38.4	3671.9	650.0	2.0	-29.8	305.4	7.9	6.4	-4.6	312.9	312.9	0.5	7.4	5.9	129.0
15.4	41.1	3966.7	625.0	-0.1	-48.2	309.7	7.9	6.1	-5.1	312.4	312.7	0.1	1.5	6.5	129.0
16.6	44.1	4311.8	600.0	-2.5	-42.5	309.3	8.2	6.3	-5.2	313.2	313.7	0.2	2.9	7.0	129.0
17.9	47.1	4646.2	575.0	-4.4	-52.7	304.4	7.5	6.2	-4.2	314.6	315.0	0.0	1.0	7.7	129.0
19.3	50.2	4996.8	550.0	-6.3	-53.9	305.3	8.2	6.7	-4.7	316.6	316.8	0.0	1.0	8.3	129.0
20.5	53.3	5358.2	525.0	-5.6	-55.8	306.9	9.2	7.4	-5.5	316.9	317.1	0.0	1.0	8.9	128.0
21.9	56.5	5732.1	500.0	-12.3	-55.5	311.1	10.2	7.7	-6.7	318.1	318.2	0.0	1.3	9.7	128.0
23.3	59.9	6122.6	475.0	-15.5	-55.6	309.2	11.3	8.7	-7.1	318.6	318.9	0.0	1.3	10.6	129.0
24.9	63.3	6528.1	450.0	-16.9	-56.3	309.5	12.6	9.7	-8.0	319.5	319.7	0.0	2.1	11.8	129.0
26.6	66.7	6951.3	425.0	-22.0	-57.2	318.3	12.5	8.3	-9.3	320.6	320.9	0.0	2.4	13.0	129.0
28.3	70.5	7394.1	400.0	-25.8	-52.8	319.2	15.0	9.8	-11.3	321.5	321.8	0.1	5.9	14.4	130.0
30.1	74.4	7859.0	375.0	-29.7	-52.2	315.6	14.9	10.4	-10.6	322.7	322.5	0.1	9.1	15.9	131.0
31.9	78.7	8345.2	350.0	-34.3	-53.4	317.0	15.5	10.6	-11.4	322.5	322.8	0.1	12.3	17.6	131.0
33.7	82.7	8855.0	325.0	-38.3	-56.4	318.1	13.0	8.7	-9.7	323.9	324.2	0.1	12.7	19.2	132.0
35.5	87.0	9405.2	300.0	-41.9	99.9	301.5	10.3	8.8	-5.4	325.3	325.9	99.9	999.9	20.6	132.0
37.0	91.7	9984.4	275.0	-46.6	99.9	307.1	11.8	9.4	-7.1	327.8	327.8	99.9	999.9	21.9	131.0
38.4	95.6	10612.0	250.0	-51.9	99.9	300.7	14.5	12.5	-7.4	328.9	328.9	99.9	999.9	23.9	131.0
40.4	101.6	11267.6	225.0	-56.5	99.9	295.7	10.9	9.9	-4.7	332.0	332.0	99.9	999.9	25.8	130.0
42.8	107.5	12026.0	200.0	-56.2	99.9	270.7	5.5	5.5	-0.1	335.1	335.1	99.9	999.9	27.1	129.0
44.6	113.5	12869.0	175.0	-57.4	99.9	256.1	6.3	4.5	4.3	355.2	355.2	99.9	999.9	27.2	128.0
46.9	120.0	13833.6	150.0	-60.0	99.9	238.1	11.6	9.8	6.1	365.6	365.6	99.9	999.9	28.0	124.0
49.0	127.3	14974.4	125.0	-60.1	99.9	243.7	12.0	11.4	5.7	386.2	386.2	99.9	999.9	29.6	119.0
51.9	135.3	16369.7	100.0	-60.6	99.9	243.6	12.0	10.8	5.4	416.7	416.7	99.9	999.9	31.7	114.0
54.0	143.5	18154.6	75.0	-62.5	99.9	248.9	8.8	7.5	2.9	442.8	442.8	99.9	999.9	33.7	109.0
57.3	152.5	20657.8	50.0	-57.6	99.9	223.7	6.6	4.5	4.8	507.9	507.9	99.9	999.9	37.4	109.0
60.2	163.0	25152.0	25.0	-48.2	99.9	88.9	6.9	-6.9	-0.1	644.2	644.2	99.9	999.9	39.8	109.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA25 APRIL 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MR WTS GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.2	1.0	1006.0	24.3	10.5	300.0	2.0	0.0	-2.0	296.9	322.1	13.4	70.0	0.0	0.
0.2	4.0	56.0	1006.0	24.3	10.9	96.2	3.2	-3.1	0.3	297.2	323.9	13.9	71.0	0.1	224.
0.9	7.0	280.2	975.0	21.0	10.6	316.3	3.7	2.6	-2.7	297.1	329.8	12.3	72.3	0.2	109.
1.7	9.4	905.9	950.0	20.9	10.4	277.6	5.4	5.4	-0.7	298.0	331.0	12.8	72.0	0.3	131.
2.5	11.6	736.1	925.0	18.2	10.5	289.3	4.9	4.0	-1.0	297.5	328.0	11.3	79.1	0.0	119.
3.4	14.0	978.7	909.0	16.7	10.1	319.3	6.2	4.1	-4.7	298.7	328.9	11.4	80.9	0.0	120.
4.2	16.3	1210.0	875.0	15.3	12.3	322.3	7.6	4.6	-6.0	299.4	327.2	10.3	83.4	1.1	120.
5.1	18.9	1456.4	850.0	13.4	10.1	325.6	8.5	4.8	-7.0	300.2	325.1	9.2	80.6	1.8	131.
6.0	21.2	1708.0	825.0	12.5	9.2	324.6	9.5	5.5	-7.7	301.2	326.2	8.9	80.2	2.0	135.
7.2	23.9	1965.0	800.0	10.5	7.0	318.9	10.2	7.0	-7.9	302.4	324.2	7.9	79.1	2.7	137.
8.3	26.4	2230.1	775.0	9.2	4.6	306.2	8.5	7.2	-5.2	303.7	323.0	6.9	73.5	3.4	136.
9.2	29.1	2501.7	750.0	7.0	-1.0	295.2	8.1	7.3	-3.5	305.1	318.0	4.5	50.4	3.9	134.
10.1	31.9	2781.0	725.0	7.4	-12.0	296.1	7.2	6.4	-3.2	307.2	313.9	2.1	23.7	4.2	132.
11.0	34.8	3069.3	700.0	6.5	-23.0	307.8	7.9	6.2	-4.0	309.6	312.2	0.6	7.0	5.1	131.
11.9	37.4	3367.0	675.0	5.9	-27.3	311.8	8.9	6.6	-5.9	312.2	314.2	0.6	7.2	5.8	131.
13.2	43.4	3674.6	650.0	3.7	-20.6	311.0	10.3	7.8	-6.7	313.2	315.0	0.5	7.4	6.6	131.
14.4	43.2	3991.4	625.0	1.7	-29.6	308.0	11.2	8.7	-7.0	314.4	316.2	0.5	7.6	7.3	131.
15.5	46.4	4318.6	600.0	-1.0	-31.6	308.7	9.0	7.5	-6.0	314.9	316.5	0.4	7.0	8.0	131.
16.7	49.6	4656.3	575.0	-3.7	-33.2	305.8	10.0	8.6	-6.2	315.7	317.1	0.4	7.9	8.0	130.
17.9	52.0	5002.6	550.0	-6.2	-31.7	304.1	11.4	9.5	-6.4	316.7	318.4	0.5	11.1	9.0	130.
19.3	55.8	5367.3	525.0	-9.5	-32.1	303.7	12.3	10.2	-6.0	317.8	318.7	0.5	13.0	9.7	129.
20.0	59.1	5741.9	500.0	-12.7	-34.3	304.5	13.3	10.9	-7.5	317.6	319.0	0.4	16.4	10.7	129.
22.0	62.7	6131.6	475.0	-15.0	-33.0	310.7	13.4	10.2	-8.0	319.4	321.1	0.5	19.9	11.9	129.
23.4	64.2	6537.7	450.0	-18.5	-34.4	310.6	13.0	9.9	-8.4	320.0	321.6	0.5	23.1	13.0	129.
24.8	70.9	6680.5	425.0	-22.4	-38.1	303.8	12.9	9.9	-6.7	320.3	321.5	0.3	22.3	14.0	129.
25.3	73.7	7003.5	400.0	-25.9	-40.1	298.6	13.9	12.2	-6.7	321.9	322.6	0.2	15.5	15.1	128.
27.0	77.0	7668.2	375.0	-29.1	-47.0	301.5	15.4	13.2	-8.1	323.1	323.7	0.1	15.7	16.3	127.
29.6	81.8	8357.9	350.0	-32.7	-49.9	312.1	18.2	13.5	-12.2	324.6	325.1	0.1	16.0	18.3	127.
31.5	86.2	8975.0	325.0	-37.1	-52.2	313.0	16.7	12.2	-11.4	325.6	325.9	0.1	18.8	20.2	125.
33.3	90.8	9423.2	300.0	-41.5	-59.9	307.1	15.1	12.1	-9.1	326.2	329.9	99.9	999.9	22.0	120.
35.4	95.5	10098.2	275.0	-45.9	-69.9	302.7	13.6	11.4	-7.3	328.7	329.9	99.9	999.9	23.0	120.
37.6	103.8	10634.6	250.0	-51.3	-99.9	302.3	11.0	10.0	-6.3	329.8	329.9	99.9	999.9	25.4	120.
39.9	105.8	11310.7	225.0	-56.0	-99.9	291.5	12.2	11.3	-4.5	332.7	329.9	99.9	999.9	27.1	127.
42.5	111.5	12056.0	200.0	-57.7	-99.9	269.9	10.4	10.3	1.0	341.5	329.9	99.9	999.9	28.6	125.
45.5	117.8	12898.4	175.0	-58.9	-99.9	254.8	8.9	8.6	2.3	352.7	329.9	99.9	999.9	29.9	123.
48.9	124.7	13859.8	150.0	-59.9	-99.9	254.4	11.6	11.3	2.7	366.9	329.9	99.9	999.9	30.9	120.
52.8	132.0	14928.4	125.0	-58.9	-99.9	252.2	12.4	11.8	3.8	380.3	329.9	99.9	999.9	33.3	117.
57.8	140.0	16391.3	100.0	-60.7	-99.9	244.6	11.7	10.5	5.0	410.5	329.9	99.9	999.9	35.9	113.
64.2	149.0	18173.9	75.0	-62.1	-99.9	253.7	7.9	7.6	2.2	442.4	329.9	99.9	999.9	38.5	109.
73.1	157.0	20654.0	50.0	-56.7	-99.9	299.9	5.9	5.2	-3.0	500.0	329.9	99.9	999.9	30.3	109.
86.7	166.0	25178.9	25.0	-49.5	-99.9	999.9	00.9	00.9	00.9	642.3	329.9	99.9	999.9	34.7	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

26 APRIL 1979
200 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX STD G/M/SEC	RH PCT	RANGE KM	AZ DEG
0.0	4.3	1.0	1007.3	23.3	21.6	180.0	2.1	0.0	2.1	295.2	338.1	16.3	99.0	0.0	0
0.2	4.0	64.0	1000.0	22.7	21.7	249.3	2.3	2.3	0.0	295.6	338.7	16.6	99.0	0.3	1
0.9	0.0	286.0	975.0	21.6	20.3	245.0	2.3	2.3	0.0	295.9	337.6	16.6	92.4	0.4	0
1.6	8.0	511.0	950.0	20.1	18.5	249.3	3.0	3.0	0.0	297.6	335.1	14.3	90.5	0.5	16
2.3	10.0	741.0	925.0	18.5	17.0	246.0	4.0	4.4	-1.3	298.2	33.3	13.3	90.8	0.5	44
3.3	12.0	576.0	900.0	16.2	14.6	299.9	99.9	99.9	99.9	298.2	329.3	11.7	90.1	999.9	999.9
4.2	14.9	1216.7	875.0	14.7	13.1	999.9	99.9	99.9	99.9	299.1	328.0	10.9	99.9	999.9	999.9
5.0	17.1	1462.1	850.0	13.9	10.0	999.9	99.9	99.9	99.9	300.2	325.6	9.2	77.3	999.9	999.9
5.9	19.3	1713.9	825.0	12.2	8.3	999.9	99.9	99.9	99.9	302.2	324.4	8.4	77.3	999.9	999.9
6.7	21.5	1971.7	800.0	10.7	5.6	50.4	13.0	-11.6	-9.5	302.2	322.5	7.2	71.1	2.9	125
7.6	23.8	2232.0	775.0	8.5	4.7	348.0	7.0	1.4	-6.9	303.0	322.2	6.9	76.8	2.0	127
8.6	25.2	2506.4	750.0	6.8	2.2	329.2	8.7	4.5	-7.5	303.4	320.9	6.0	73.1	3.2	131
9.5	29.6	2785.1	725.0	7.5	-13.6	316.1	8.9	4.2	-6.4	307.7	313.3	1.8	70.6	3.7	133
10.4	31.0	3073.7	700.0	7.0	-18.0	314.0	9.2	6.6	-6.4	310.2	316.2	1.2	13.8	4.2	133
11.3	33.5	3371.8	675.0	5.5	-19.9	317.9	9.3	6.2	-6.9	311.9	315.6	1.2	13.9	4.7	133
12.2	36.1	3672.7	650.0	3.1	-21.5	315.4	10.3	7.2	-7.3	312.5	315.9	1.1	14.4	5.2	134
13.2	39.7	3995.0	625.0	0.5	-20.0	310.5	11.1	8.4	-7.2	313.0	317.1	1.3	19.7	5.8	133
14.1	41.3	4325.7	600.0	-2.2	-20.8	305.6	11.3	9.2	-6.6	313.6	317.5	1.2	22.3	6.5	133
15.2	44.1	4656.9	575.0	-5.0	-21.2	303.4	13.0	10.9	-7.2	314.1	318.0	1.2	26.6	7.3	132
16.6	46.9	5009.1	550.0	-8.0	-24.5	299.4	13.1	11.4	-6.4	316.0	319.1	0.9	22.0	8.2	131
17.6	49.0	5366.2	525.0	-9.9	-27.2	301.5	12.5	10.7	-6.6	316.6	319.2	0.8	22.7	9.1	130
18.9	52.0	5740.3	500.0	-12.2	-29.9	305.0	12.0	10.4	-7.5	317.0	319.1	0.6	22.9	10.1	129
20.2	54.9	6120.0	475.0	-15.7	-33.1	307.1	14.9	11.9	-9.0	318.6	320.2	0.5	20.7	11.1	129
21.6	59.1	6533.6	450.0	-15.5	-35.7	308.3	16.2	12.7	-10.1	318.8	320.2	0.4	22.0	12.4	129
22.8	62.5	6925.5	425.0	-22.2	-37.5	304.7	16.4	13.5	-9.3	319.3	320.5	0.4	25.4	13.7	129
24.2	65.0	7395.5	400.0	-26.4	-41.9	304.0	15.3	12.6	-8.8	320.7	321.6	0.2	21.3	14.9	128
25.7	69.7	7859.7	375.0	-29.5	-43.9	313.0	13.9	10.2	-9.5	322.0	323.3	0.2	22.9	16.2	129
27.3	73.4	8347.6	350.0	-33.9	-46.1	313.1	14.3	10.5	-9.8	323.0	323.7	0.2	27.6	17.5	129
29.0	77.2	8862.7	325.0	-38.0	-49.7	312.3	14.7	10.8	-9.9	324.3	324.7	0.1	27.7	19.0	129
30.7	81.5	9408.4	300.0	-42.5	59.9	304.3	16.2	13.4	-9.1	325.5	999.9	99.9	999.9	20.6	129
32.6	85.0	9998.5	275.0	-47.1	99.9	303.6	15.4	12.9	-8.0	327.0	999.9	99.9	999.9	22.5	128
34.7	90.4	10612.7	250.0	-52.7	99.9	306.9	15.5	12.4	-9.3	327.7	999.9	99.9	999.9	24.3	128
36.7	95.3	11265.5	225.0	-57.4	99.9	297.6	15.0	13.3	-6.9	330.2	999.9	99.9	999.9	26.2	128
39.3	100.5	12022.6	200.0	-60.6	99.9	288.6	13.7	13.0	-4.4	336.8	999.9	99.9	999.9	28.1	127
41.5	105.3	12856.0	175.0	-59.4	99.9	273.0	13.3	13.3	-0.9	335.0	999.9	99.9	999.9	29.9	125
44.6	112.5	13318.3	150.0	-60.4	99.9	270.6	14.5	14.4	-2.2	336.1	999.9	99.9	999.9	32.0	123
49.0	119.5	14948.5	125.0	-61.1	59.9	267.7	11.0	11.0	0.5	344.4	999.9	99.9	999.9	34.6	121
52.4	127.3	16339.0	100.0	-60.2	99.9	261.9	9.7	9.6	1.4	411.8	999.9	99.9	999.9	36.5	118
54.0	136.3	18122.3	75.0	-63.3	90.9	227.4	4.0	3.6	3.3	460.2	999.9	99.9	999.9	38.4	116
65.2	146.3	20634.5	50.0	-54.5	99.9	134.1	4.6	-3.3	3.2	999.7	999.9	99.9	999.9	37.3	115
77.7	157.0	25098.2	25.0	-50.0	99.9	77.6	10.1	-9.9	-2.2	638.0	999.9	99.9	999.9	37.9	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA
26 APRIL 1970
500 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	E POT T DE A	MR RTO G. DEG	RM PCT	RANGE KM	AZ DE
0.0	4.2	1.0	1007.5	22.7	21.2	250.0	3.6	3.4	1.2	298.2	336.4	15.9	91.0	0.0	0.
0.2	4.0	66.4	1000.0	22.5	21.4	95.7	3.0	3.0	0.3	298.7	337.9	16.3	93.3	0.3	45.
1.0	7.0	287.4	975.0	21.0	20.1	89.1	4.4	-4.4	-0.1	297.1	337.3	15.4	89.7	0.3	57.
1.9	9.2	513.1	950.0	20.6	19.6	753.7	5.0	5.4	1.0	296.1	331.6	12.7	78.1	0.0	68.
2.7	11.5	743.6	925.0	19.7	15.7	277.2	3.5	3.5	-0.4	298.4	330.8	12.2	82.7	1.0	70.
3.5	11.0	978.6	900.0	18.9	13.0	294.9	4.2	3.0	-1.0	299.0	328.7	11.2	82.1	1.1	77.
4.4	10.1	1218.9	875.0	15.4	13.7	280.1	4.0	4.3	-1.5	299.0	330.3	11.4	89.5	1.3	83.
5.2	13.5	1444.4	850.0	12.9	11.6	290.3	4.5	4.2	-1.6	299.8	327.1	10.2	92.1	1.5	86.
6.1	20.9	1715.2	825.0	11.5	10.3	310.4	6.2	4.7	-4.0	300.2	326.7	9.6	92.2	1.7	90.
7.0	23.3	1972.3	800.0	9.6	8.2	319.6	8.0	5.2	-6.1	301.2	324.0	8.0	91.1	2.0	99.
8.0	23.9	2235.6	775.0	7.9	6.1	331.3	10.0	5.1	-9.3	302.4	323.0	7.7	88.3	2.4	107.
8.8	26.4	2507.7	750.0	10.3	-40.5	340.7	13.2	4.3	-12.4	307.8	308.3	6.1	1.4	2.8	117.
9.7	31.0	2782.3	725.0	10.8	-40.4	344.5	12.4	3.3	-12.0	309.1	309.4	0.2	1.6	3.4	120.
10.7	33.7	3077.1	700.0	6.0	-40.5	341.9	11.4	3.6	-10.9	310.1	310.0	0.2	1.0	3.9	132.
11.7	36.3	3374.6	675.0	5.1	-30.0	333.0	12.1	5.4	-10.9	311.4	312.5	0.3	4.0	4.6	136.
12.5	39.1	3688.7	650.0	2.0	-20.7	331.5	13.5	6.4	-11.9	311.2	314.9	1.1	16.7	5.4	139.
13.9	42.0	3995.5	625.0	-0.0	-21.3	331.1	13.3	6.4	-11.6	311.2	315.1	1.1	19.3	6.3	140.
15.1	44.9	4318.9	600.0	-2.4	-23.2	329.1	14.0	7.2	-12.0	312.2	315.4	1.0	19.0	7.3	142.
16.1	47.8	4655.0	575.0	-0.0	-25.4	322.0	13.7	8.3	-10.9	314.3	316.3	0.6	12.5	8.1	142.
17.2	50.9	5003.2	550.0	-7.3	-30.1	312.9	14.2	10.4	-9.7	313.2	316.4	0.3	6.3	9.0	142.
18.3	53.0	5343.0	525.0	-10.1	-30.0	309.7	13.2	10.1	-8.4	316.3	317.1	0.2	6.4	9.9	141.
19.5	57.3	5717.7	500.0	-13.3	-30.2	310.2	12.7	9.7	-8.2	316.8	317.8	0.3	10.2	10.2	140.
20.8	60.6	6126.1	475.0	-16.4	-32.0	313.2	14.5	10.6	-9.9	317.7	319.5	0.5	23.0	11.0	139.
22.4	64.1	6530.6	450.0	-19.1	-28.0	307.2	14.0	11.1	-8.5	319.2	322.0	0.8	45.0	13.2	139.
24.1	67.7	6923.7	425.0	-22.0	-19.4	294.9	13.6	12.3	-5.7	320.2	322.8	0.6	38.0	14.9	137.
25.4	71.3	7350.7	400.0	-25.5	-30.9	294.2	11.2	10.2	-4.6	321.6	323.5	0.5	41.1	15.6	135.
27.3	75.3	7861.3	375.0	-29.7	-30.5	301.0	9.9	8.4	-5.2	322.3	323.4	0.3	37.0	16.5	134.
29.9	79.3	8349.1	350.0	-37.6	-40.3	301.2	11.9	17.2	-6.1	323.2	324.1	0.2	26.2	17.5	132.
33.5	83.3	8845.1	325.0	-37.7	-53.9	293.7	14.0	12.0	-5.4	324.7	325.0	0.1	16.5	18.7	132.
32.2	87.6	9411.9	300.0	-42.2	90.9	297.0	15.6	13.7	-7.1	325.9	999.9	99.9	999.9	20.2	131.
34.5	92.2	9953.9	275.0	-47.5	90.9	307.0	17.4	13.9	-10.5	326.4	999.9	99.9	999.9	22.4	130.
36.7	97.0	10616.0	250.0	-52.5	90.9	315.3	17.9	12.6	-12.0	328.0	999.9	99.9	999.9	24.8	130.
37.0	102.3	11208.1	225.0	-54.4	90.9	320.9	15.4	9.7	-11.9	328.7	999.9	99.9	999.9	27.2	131.
41.7	107.0	12022.6	200.0	-59.4	90.9	306.8	14.0	12.0	-9.6	338.7	999.9	99.9	999.9	29.5	131.
44.7	113.6	12857.6	175.0	-60.0	90.9	296.6	17.8	15.9	-7.9	349.6	999.9	99.9	999.9	32.7	130.
48.4	120.3	13817.0	150.0	-60.2	90.9	301.6	16.3	13.9	-0.6	346.4	999.9	99.9	999.9	36.5	129.
52.4	127.5	14956.1	125.0	-60.0	90.9	268.8	18.3	15.3	0.3	346.4	999.9	99.9	999.9	39.4	127.
57.3	135.7	16350.1	100.0	-60.1	90.9	254.3	11.0	16.4	3.0	411.7	999.9	99.9	999.9	42.2	124.
63.5	144.7	18133.2	75.0	-63.4	90.9	219.5	9.3	3.4	4.1	429.7	999.9	99.9	999.9	43.4	121.
71.9	154.7	20658.4	50.0	-57.8	90.9	122.8	1.4	-1.4	0.9	507.3	999.9	99.9	999.9	42.1	119.
90.9	93.0	90.9	25.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE 10
OF POOR QUALITY

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 26 APRIL 1979
 0000 GMT

TIME MIN	CMCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	W RTO GM/KG	W RTO PCT	RANGE KM	AL DEG
0.0	0.0	1.0	1006.9	21.1	19.7	270.0	2.6	2.6	0.0	293.7	331.2	14.6	92.0	0.0	0.0
0.3	4.9	68.9	1000.0	21.6	20.6	262.5	8.3	6.2	1.1	294.7	334.6	15.5	93.9	0.2	72.0
1.0	6.9	281.3	575.0	20.6	20.1	263.4	8.9	6.8	1.0	295.3	335.3	15.4	94.9	0.3	62.0
1.8	9.0	505.8	550.0	19.2	19.6	267.1	8.1	8.1	0.4	296.7	336.0	11.1	75.0	0.9	64.0
2.6	11.1	735.5	925.0	18.2	17.3	258.4	7.3	7.1	1.5	297.9	337.7	13.6	94.4	1.3	64.0
3.4	13.3	976.4	900.0	16.5	15.2	252.3	6.8	6.7	0.9	298.5	338.6	12.2	91.8	1.6	63.0
4.1	15.3	1210.3	875.0	14.8	13.2	268.8	5.8	5.8	0.1	299.2	339.6	11.0	90.2	1.9	63.0
4.9	17.4	1454.0	850.0	13.4	12.3	273.8	5.0	5.0	-0.3	300.4	339.1	10.7	92.2	2.1	64.0
5.8	19.6	1707.3	925.0	11.7	10.3	295.8	4.8	4.4	-2.1	300.5	327.8	9.6	91.5	2.6	66.0
6.7	21.9	1948.9	800.0	10.6	7.4	323.0	7.7	4.6	-6.1	302.8	324.8	8.1	80.2	2.6	66.0
7.6	24.3	2210.5	775.0	12.2	-0.9	330.0	12.6	5.5	-11.3	306.5	320.3	4.7	40.5	2.9	101.0
8.5	26.7	2564.9	750.0	11.3	-4.3	337.6	14.9	5.7	-13.7	309.7	319.6	3.7	33.3	3.6	111.0
9.5	29.2	2787.2	725.0	9.5	-4.3	341.1	16.8	5.4	-15.9	309.5	321.3	3.8	37.5	4.1	121.0
10.5	31.8	3077.3	700.0	7.0	-2.1	341.9	17.4	5.4	-16.6	310.3	324.0	4.7	52.3	4.9	121.0
11.6	34.4	3375.1	675.0	4.2	-5.0	337.5	17.2	6.6	-15.9	310.3	321.9	3.9	51.0	5.9	135.0
12.6	37.0	3681.0	650.0	2.1	-11.7	330.8	17.4	7.4	-15.8	311.3	318.7	2.4	35.3	6.9	136.0
13.6	39.8	3952.4	625.0	-0.5	-14.2	336.4	16.4	6.6	-15.0	311.9	318.3	2.6	34.7	7.9	140.0
14.7	42.6	4321.8	600.0	-2.5	-19.6	333.4	14.8	6.6	-13.2	313.3	317.6	1.3	25.3	8.9	142.0
15.0	45.5	4657.9	575.0	-4.7	-24.9	326.9	13.4	7.3	-11.3	314.4	317.3	0.9	18.0	9.9	143.0
17.1	49.4	5002.1	550.0	-7.1	-25.9	318.8	14.3	9.4	-10.8	315.6	318.4	0.8	20.8	10.9	143.0
18.4	51.5	5367.8	525.0	-5.5	-26.6	311.7	13.7	10.3	-9.1	317.1	319.8	0.8	23.2	12.0	142.0
19.7	54.0	5741.7	500.0	-12.7	-28.0	309.9	14.0	10.7	-9.0	317.6	320.2	0.8	26.3	13.0	141.0
21.0	58.0	6138.6	475.0	-16.0	-28.3	311.1	14.5	10.9	-9.5	318.2	320.8	0.7	33.6	14.1	140.0
22.3	61.3	6536.3	450.0	-18.5	-33.0	305.0	14.0	11.5	-8.0	320.0	321.8	0.5	26.4	15.2	140.0
23.7	64.9	6960.3	425.0	-21.3	-30.5	306.0	14.5	11.9	-8.3	321.7	324.1	0.7	43.3	16.4	139.0
25.3	68.4	7404.4	400.0	-25.0	-33.3	306.7	15.7	12.6	-9.3	322.6	324.5	0.6	45.4	17.7	137.0
27.0	72.3	7876.3	375.0	-28.6	-38.4	309.1	16.6	12.9	-10.5	323.8	325.1	0.4	37.9	19.4	137.0
28.8	76.2	8360.3	350.0	-32.7	-45.9	314.7	15.9	12.0	-11.9	324.7	325.3	0.2	25.2	21.1	136.0
30.6	82.2	8777.5	325.0	-37.3	-50.2	317.6	17.3	11.7	-12.8	325.3	325.7	0.1	24.3	23.0	136.0
32.5	84.5	9425.3	300.0	-41.8	99.9	219.6	15.5	10.7	-12.6	325.5	999.9	99.9	99.9	25.0	136.0
34.6	89.0	10000.0	275.0	-47.3	99.9	316.5	15.6	10.7	-11.3	326.7	999.9	99.9	99.9	27.0	137.0
37.9	93.8	10630.9	250.0	-52.9	99.9	308.8	14.9	11.6	-9.3	327.4	999.9	99.9	99.9	29.1	136.0
39.4	95.8	11301.4	225.0	-56.6	99.9	305.9	15.2	12.3	-8.9	328.2	999.9	99.9	99.9	31.1	136.0
42.0	104.3	12235.2	200.0	-68.4	97.9	320.2	20.0	12.0	-15.4	337.1	999.9	99.9	99.9	34.0	135.0
44.9	110.0	12869.4	175.0	-61.1	99.9	308.9	21.6	14.8	-13.6	349.1	999.9	99.9	99.9	37.9	134.0
47.4	116.5	13828.8	150.0	-60.6	99.9	303.9	18.2	15.1	-10.1	365.7	999.9	99.9	99.9	41.8	134.0
52.7	124.0	14962.1	125.0	-61.1	99.9	275.0	14.7	14.6	-1.3	384.4	999.9	99.9	99.9	45.4	133.0
57.5	132.0	16352.2	100.0	-61.3	99.9	248.4	11.3	10.5	4.2	409.4	999.9	99.9	99.9	48.2	130.0
63.8	141.3	18130.5	75.0	-62.8	99.9	234.1	5.2	4.2	3.0	442.8	999.9	99.9	99.9	48.9	129.0
72.8	152.0	20657.3	50.0	-54.3	99.9	275.1	5.6	5.6	-1.7	510.5	999.9	99.9	99.9	49.4	129.0
87.7	163.5	25161.7	25.0	-46.2	99.9	99.9	12.0	-11.8	2.1	651.5	999.9	99.9	99.9	43.6	130.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

26 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	4.3	1.0	1008.1	21.1	19.6	260.0	5.1	5.0	0.9	253.4	330.7	14.4	91.0	0.0	0.
0.3	4.9	7.3	1000.0	21.6	20.6	249.5	7.9	7.4	2.0	294.7	336.0	15.5	94.4	0.2	81.
1.0	6.8	291.5	575.0	19.9	19.3	250.3	8.2	8.0	1.6	295.2	333.2	14.7	94.3	0.5	81.
1.9	8.8	515.8	950.0	19.0	18.3	256.4	8.6	8.6	2.0	296.8	327.2	11.7	79.3	0.8	82.
2.7	10.8	745.3	525.0	16.3	12.5	246.3	7.6	7.0	3.1	298.0	324.6	10.0	69.3	1.3	76.
3.6	12.8	979.7	900.0	16.5	9.3	267.8	5.9	5.0	0.2	298.0	328.0	8.3	62.9	1.7	70.
4.6	14.9	1219.4	875.0	15.2	9.5	246.5	5.4	5.0	2.2	299.2	322.8	0.6	69.0	2.0	78.
5.5	17.1	1464.9	850.0	12.7	9.4	255.6	5.9	6.8	1.5	300.6	324.4	0.8	75.1	3.3	76.
6.4	19.2	1717.1	825.0	14.0	2.8	296.1	6.7	6.0	-3.0	303.4	319.5	5.7	46.9	2.6	78.
7.4	21.4	1977.0	800.0	13.9	1.0	324.0	8.9	5.2	-7.2	308.0	320.7	5.1	41.2	2.8	86.
8.3	23.6	2244.0	775.0	12.2	-0.1	323.8	11.7	6.9	-9.4	307.0	321.2	4.9	42.7	3.1	94.
9.1	25.8	2512.6	750.0	10.3	-1.8	326.7	13.0	7.1	-10.8	307.6	320.8	4.5	42.5	3.6	103.
10.2	28.2	2749.4	725.0	8.5	-1.8	329.8	12.8	6.4	-11.2	308.6	322.3	4.7	48.5	4.2	111.
11.3	30.5	3088.6	700.0	6.3	-1.1	328.2	13.2	7.0	-10.7	309.5	324.2	5.1	59.1	4.9	117.
12.4	33.0	3385.3	675.0	3.6	-0.0	320.9	13.0	8.7	-10.7	309.7	319.0	3.1	42.1	5.7	121.
13.5	35.4	3691.1	650.0	1.8	-11.4	315.4	14.7	10.3	-10.5	311.0	318.5	2.5	36.8	6.6	123.
14.7	38.0	4005.6	625.0	-1.1	-12.8	312.5	16.0	11.8	-10.8	311.2	318.2	2.3	40.5	7.7	125.
15.8	40.6	4329.6	600.0	-4.0	-15.3	309.6	16.8	12.9	-10.7	311.2	317.4	1.9	40.4	8.8	126.
16.9	43.2	4664.0	575.0	-6.3	-19.1	309.3	16.5	12.7	-10.4	312.6	317.3	1.5	35.4	9.9	126.
17.2	46.0	5009.4	550.0	-5.4	-20.4	308.4	17.1	13.4	-10.6	312.9	317.3	1.4	40.3	11.2	126.
17.5	48.8	5368.2	525.0	-11.2	-25.1	307.3	17.5	14.0	-10.6	314.9	318.0	0.9	30.4	12.6	127.
20.9	51.7	5748.6	500.0	-13.8	-27.4	302.6	16.6	13.9	-8.9	316.2	318.0	0.8	30.5	13.9	127.
22.2	54.0	6128.1	475.0	-16.9	-29.0	307.2	16.0	12.7	-9.6	317.0	319.5	0.7	34.0	15.2	126.
23.4	57.8	6532.0	450.0	-19.3	-37.6	323.3	16.4	9.8	-13.2	319.0	320.1	0.3	18.1	16.6	127.
25.1	61.0	6952.8	425.0	-23.1	-40.1	325.2	17.8	10.2	-14.6	319.4	320.4	0.3	19.2	18.0	129.
26.6	64.3	7356.1	400.0	-25.6	-43.3	317.9	16.4	11.0	-12.2	321.7	322.5	0.2	17.1	19.5	130.
27.3	67.9	7801.2	375.0	-28.0	-48.8	314.5	16.9	12.1	-11.8	323.6	324.0	0.1	12.4	21.2	130.
30.0	71.4	8350.9	350.0	-33.2	-52.2	315.7	20.5	14.3	-14.7	324.6	324.3	0.1	12.8	23.1	130.
31.8	75.2	8866.2	325.0	-38.0	-55.6	315.4	19.3	13.6	-13.8	324.7	324.5	0.1	13.7	25.3	131.
33.7	79.2	9412.1	300.0	-42.5	-59.9	317.9	18.6	12.5	-13.8	325.4	324.9	99.9	99.9	27.2	131.
35.7	83.2	9993.0	275.0	-47.7	-66.7	324.2	23.0	13.4	-18.7	326.2	326.2	99.9	99.9	29.9	132.
39.2	87.6	10617.0	250.0	-51.2	-69.9	325.9	28.6	16.0	-23.7	330.0	329.8	99.9	99.9	33.5	134.
40.8	92.3	11295.3	225.0	-56.1	-69.9	325.6	28.5	16.1	-23.5	332.6	329.9	99.9	99.9	39.1	135.
43.8	97.4	12034.9	200.0	-60.7	-69.9	325.6	29.5	16.7	-24.4	336.6	329.9	99.9	99.9	43.2	137.
46.8	102.8	12861.8	175.0	-62.1	-69.9	308.4	29.1	22.4	-28.1	337.2	329.9	99.9	99.9	48.4	136.
50.3	109.0	13818.5	150.0	-63.1	-69.9	308.5	18.9	14.8	-11.8	331.4	329.9	99.9	99.9	53.6	136.
54.4	115.8	14942.8	125.0	-61.4	-69.9	291.1	17.3	16.2	-6.3	333.2	329.9	99.9	99.9	57.3	134.
59.5	123.7	16334.8	100.0	-58.7	-69.9	281.4	13.1	12.8	-2.6	344.3	329.9	99.9	99.9	61.7	132.
65.6	133.0	18116.9	75.0	-61.3	-69.9	270.5	6.3	6.3	-0.1	444.8	329.9	99.9	99.9	64.3	130.
73.9	145.0	20642.1	50.0	-56.4	-69.9	246.5	7.7	6.1	2.7	510.6	329.9	99.9	99.9	65.2	130.
87.0	160.0	25147.9	25.0	-46.4	-69.9	999.0	99.9	99.9	99.9	681.2	329.9	99.9	99.9	68.1	134.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
 JACKSON, MISSISSIPPI

 25 APRIL 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.0	91.0	999.9	18.3	18.3	110.0	2.6	-2.4	0.9	291.5	325.7	13.4	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.0	307.7	575.0	17.5	16.4	128.1	5.4	-4.3	3.2	292.0	324.1	93.1	93.1	0.2	299.
1.5	10.1	526.8	550.0	16.2	15.0	148.0	6.2	-3.5	9.2	293.6	323.3	11.4	92.9	0.5	310.
2.4	12.2	756.9	925.0	15.1	14.0	157.0	4.2	-1.7	3.9	294.6	323.4	10.9	92.9	0.7	318.
3.2	14.4	985.3	900.0	14.1	12.9	176.3	2.5	-0.2	2.5	296.0	323.8	10.5	92.8	0.9	325.
4.1	16.5	1227.1	875.0	12.8	11.5	287.8	0.8	0.8	-0.2	297.1	323.2	9.8	92.0	0.9	325.
5.0	19.7	1478.6	850.0	11.3	10.1	338.8	1.9	0.7	-1.8	298.0	322.7	9.2	92.1	0.9	325.
5.3	21.0	1720.0	825.0	5.7	8.4	343.4	3.0	0.9	-2.9	298.9	321.6	8.4	91.4	0.7	322.
6.7	23.3	1975.7	800.0	8.1	6.3	287.9	6.6	6.3	-2.0	299.2	320.5	7.6	88.4	0.6	319.
7.7	25.5	2238.0	775.0	7.6	4.8	337.0	8.3	3.3	-7.7	302.0	321.4	7.0	88.0	0.6	355.
8.7	27.8	2508.2	750.0	6.3	4.5	599.9	99.9	99.9	99.9	303.4	323.1	7.1	88.6	0.3	296.
9.7	30.2	2725.9	725.0	4.8	8.7	599.9	99.9	99.9	99.9	304.8	320.6	5.6	74.8	999.9	999.9
10.7	32.6	3071.9	700.0	3.3	-9.3	999.9	99.9	99.9	99.9	306.1	315.3	3.2	44.9	999.9	999.9
11.3	33.1	3365.8	675.0	2.0	-25.3	599.9	99.9	99.9	99.9	307.4	310.5	0.8	12.6	999.9	999.9
13.1	37.6	3668.4	650.0	0.9	-49.4	599.9	99.9	99.9	99.9	310.0	310.2	0.1	1.0	999.9	999.9
14.2	40.1	3982.3	625.0	-0.6	-50.3	599.9	99.9	99.9	99.9	311.8	312.0	0.1	1.0	999.9	999.9
15.3	42.7	4306.1	600.0	-2.5	-51.5	599.9	99.9	99.9	99.9	313.2	313.4	0.1	1.0	999.9	999.9
16.4	45.3	4644.0	575.0	-4.8	-53.0	599.9	99.9	99.9	99.9	314.5	314.5	0.0	1.0	999.9	999.9
17.7	48.1	4991.7	550.0	-7.4	-54.6	350.3	6.4	1.1	-0.7	315.2	315.5	0.0	1.0	2.4	178.
17.0	50.9	5352.2	525.0	-9.5	-55.9	350.3	6.4	2.8	-0.3	317.0	317.1	0.0	1.0	2.9	178.
20.3	53.7	5727.4	500.0	-11.7	-57.3	335.8	0.9	2.8	-0.3	318.8	319.0	0.0	1.0	3.4	178.
21.6	56.6	6117.7	475.0	-15.3	-52.1	337.2	6.6	2.6	-0.1	319.0	319.2	0.1	2.6	4.0	173.
23.0	59.6	6522.3	450.0	-18.9	-53.4	331.7	6.6	3.1	-3.8	319.5	319.7	0.1	3.0	4.5	171.
24.4	62.6	6946.3	425.0	-22.0	-53.3	324.8	7.1	4.1	-5.8	320.8	321.0	0.1	3.9	5.8	168.
25.9	65.9	7389.1	400.0	-25.7	-54.2	330.9	6.3	3.1	-5.5	321.6	321.8	0.1	4.9	5.6	166.
27.5	69.1	7853.5	375.0	-29.6	-56.2	328.6	5.1	2.7	-4.4	322.4	322.6	0.0	5.5	6.1	165.
29.1	72.6	8342.0	350.0	-32.6	-57.9	315.8	2.3	1.6	-1.7	324.6	326.2	0.4	59.9	6.5	164.
30.9	75.1	8860.9	325.0	-36.2	-60.2	147.2	3.8	-2.1	3.2	326.5	328.1	0.3	66.0	6.5	165.
32.6	78.8	9410.9	300.0	-41.1	99.9	147.6	7.0	-3.8	5.9	327.4	329.9	99.9	999.9	5.7	165.
34.3	83.7	9956.2	275.0	-46.0	99.9	142.7	10.0	-6.1	8.0	329.7	329.9	99.9	999.9	5.0	170.
36.3	87.8	10425.4	250.0	-49.6	99.9	153.4	18.2	-7.3	18.6	332.4	332.4	99.9	999.9	3.5	178.
38.1	92.2	11307.5	225.0	-54.8	99.9	999.9	99.9	99.9	99.9	334.5	334.5	99.9	999.9	999.9	999.9
40.4	96.8	12050.4	200.0	-61.1	99.9	999.9	99.9	99.9	99.9	336.1	336.1	99.9	999.9	999.9	999.9
42.8	101.8	12867.3	175.0	-62.0	99.9	999.9	99.9	99.9	99.9	341.0	339.9	99.9	999.9	999.9	999.9
45.8	107.4	13810.2	150.0	-62.9	99.9	237.6	11.1	9.4	5.9	361.8	361.8	99.9	999.9	9.5	337.
49.4	113.5	14936.6	125.0	-62.1	99.9	233.4	10.7	7.3	7.7	382.8	382.8	99.9	999.9	10.3	350.
53.6	120.3	16318.6	100.0	-61.7	99.9	231.0	12.1	9.4	7.6	408.6	408.6	99.9	999.9	12.1	1.
59.2	128.7	18066.5	75.0	-60.2	99.9	228.4	7.9	5.9	5.2	446.6	446.6	99.9	999.9	14.6	12.
65.9	139.0	20410.2	50.0	-58.5	99.9	229.0	5.2	4.5	-2.5	505.6	505.6	99.9	999.9	16.5	17.
78.5	151.5	25075.9	25.0	-50.9	99.9	157.7	3.6	-1.3	3.2	638.5	638.5	99.9	999.9	18.3	15.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

25 APRIL 1979
1405 GYT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GPH	RM PCT	RANGE KM	AZ DEG
0.0	6.6	91.0	1000.6	19.4	17.9	120.0	3.6	-3.1	1.8	292.5	326.0	13.0	91.0	0.0	0.0
0.0	6.7	94.2	1000.0	19.4	17.9	120.5	3.4	-2.9	1.7	292.2	326.0	13.0	90.7	0.0	351.0
0.6	9.8	314.2	975.0	17.4	15.9	120.2	3.3	-2.8	1.6	292.7	323.2	11.8	91.2	0.1	290.0
1.6	10.9	536.1	950.0	15.8	14.7	118.6	4.4	-3.9	2.1	293.2	322.3	11.2	93.3	0.3	290.0
2.5	13.1	762.7	925.0	14.6	13.5	120.0	2.7	-2.3	1.4	294.2	322.0	10.6	93.4	0.5	297.0
3.4	15.3	994.8	900.0	13.5	12.5	129.4	1.2	-1.2	-0.2	295.4	322.4	10.2	93.8	0.6	299.0
4.3	17.5	1238.5	875.0	12.8	11.8	139.0	3.6	0.5	-2.9	297.1	323.8	10.0	93.3	0.6	292.0
5.3	19.8	1476.1	850.0	11.1	10.1	158.1	4.6	0.2	-4.6	297.8	322.4	9.2	93.0	0.5	268.0
6.2	22.1	1726.6	825.0	10.9	7.9	155.8	5.7	0.4	-5.7	300.1	321.0	7.9	79.4	0.6	235.0
7.3	24.4	1982.3	800.0	8.8	5.6	12.4	4.8	-1.0	-4.7	300.2	320.2	7.2	80.4	0.8	216.0
8.5	25.9	2244.8	775.0	7.4	5.0	11.5	3.6	-0.7	-3.4	301.8	321.3	7.1	84.8	1.1	211.0
9.5	29.2	2514.8	750.0	6.6	0.6	9.8	3.2	-0.5	-3.1	303.7	318.0	5.3	85.5	1.3	208.0
11.7	31.5	2792.6	725.0	4.9	-3.5	15.7	2.6	-0.7	-2.5	304.9	315.6	3.7	49.1	1.5	20.0
11.7	34.0	3077.8	700.0	3.5	-20.8	8.1	2.8	-0.4	-2.8	304.3	309.4	1.0	14.9	1.6	20.0
12.5	36.5	3373.2	675.0	3.6	-28.7	35.5	5.6	0.4	-5.4	309.7	311.6	0.6	7.9	1.9	20.0
13.9	39.1	3672.4	650.0	2.0	-36.2	35.9	6.6	0.2	-6.6	311.3	312.2	0.3	3.8	2.3	157.0
15.2	41.7	3953.3	625.0	-0.1	-37.2	35.1	6.8	1.0	-6.7	312.4	313.2	0.2	4.1	2.0	193.0
16.6	44.3	4318.8	600.0	-2.0	-38.1	334.2	7.9	3.3	-6.8	313.2	314.6	0.2	4.3	3.2	188.0
17.9	47.0	4659.2	575.0	-4.3	-38.0	335.3	4.6	3.6	-7.8	314.5	315.0	0.2	5.1	3.6	182.0
19.4	49.8	5053.5	550.0	-7.3	-36.0	337.0	9.3	3.6	-8.6	315.4	316.5	0.3	7.9	6.5	174.0
20.9	52.7	5364.4	525.0	-9.5	-37.4	328.9	9.8	5.0	-8.4	317.0	318.0	0.3	8.1	5.3	171.0
22.4	55.5	5735.3	500.0	-12.3	-39.3	333.9	8.4	3.7	-7.5	318.0	318.0	0.2	8.4	6.1	171.0
24.1	59.5	6128.6	475.0	-15.6	-41.4	331.7	7.9	3.7	-6.9	318.7	319.5	0.2	8.7	6.9	169.0
25.9	61.6	6534.0	450.0	-19.0	-43.8	324.4	8.5	4.9	-6.9	319.4	320.0	0.2	9.0	7.7	166.0
27.9	64.7	6956.9	425.0	-22.1	-46.0	324.0	8.0	4.7	-6.5	320.4	321.2	0.1	9.3	8.6	164.0
30.2	63.0	7359.8	400.0	-28.1	-48.6	316.7	8.0	5.5	-5.8	322.3	322.7	0.1	9.8	9.5	162.0
32.2	71.3	7865.6	375.0	-28.7	-51.1	324.0	7.9	4.7	-6.4	323.6	324.0	0.1	9.4	10.6	159.0
34.6	74.9	8356.4	350.0	-31.9	-40.9	290.1	3.3	3.1	-1.1	325.2	326.9	0.3	42.2	11.4	150.0
37.1	78.4	8876.0	325.0	-36.0	-43.2	203.1	3.6	1.4	-3.4	327.0	327.9	0.3	47.4	11.3	157.0
39.7	82.1	9428.4	300.0	-40.2	99.9	181.1	5.5	-3.4	4.2	328.7	999.9	99.9	999.9	10.6	156.0
42.7	86.2	10013.8	275.0	-45.0	99.9	99.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.9
45.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
49.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
50.9	92.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
52.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
53.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
54.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
56.2	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.5	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
65.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
 JACKSON, MISSISSIPPI

 28 APRIL 1979
 1700 GMT

163 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DG K	E POT T DG K	WX QTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	91.0	1000.5	21.1	17.7	80.0	0.0	0.0	0.0	294.2	327.4	12.9	81.0	0.0	0.
0.0	6.8	55.3	1000.3	20.9	17.4	80.4	0.3	-0.3	-0.0	294.1	326.9	12.6	80.4	0.0	335.
0.8	9.1	313.0	975.0	18.1	15.9	73.0	1.1	-1.0	-0.3	293.4	324.0	11.0	86.0	0.1	205.
1.7	11.4	536.5	550.0	18.8	15.7	77.0	1.4	-1.3	-0.3	294.2	325.2	11.9	93.1	0.1	240.
2.5	13.8	762.8	925.0	15.1	14.0	51.3	2.6	-2.0	-1.6	294.8	323.4	10.9	93.8	0.2	250.
3.4	16.1	955.9	900.0	13.5	12.5	26.7	5.4	-1.5	-3.1	295.5	322.3	10.2	93.2	0.4	235.
4.4	18.6	1233.3	875.0	12.1	11.2	24.1	6.0	-1.6	-3.7	296.4	322.0	9.6	94.1	0.5	222.
5.3	21.0	1476.3	850.0	11.7	6.7	8.1	5.0	-0.7	-5.0	298.4	318.3	7.3	71.6	0.8	215.
5.2	23.5	1724.5	825.0	11.2	5.3	359.4	5.5	0.1	-5.5	300.5	319.3	6.8	67.0	1.0	205.
7.1	25.0	1983.1	600.0	5.8	4.2	356.0	5.2	0.4	-5.1	301.7	319.7	6.5	68.0	1.3	200.
3.0	24.6	2246.4	775.0	7.8	3.5	348.7	5.1	1.3	-4.9	302.2	320.0	6.4	74.1	1.6	195.
3.0	31.2	2516.3	750.0	6.2	0.1	352.7	3.6	0.5	-3.7	303.3	318.0	5.2	65.2	1.8	190.
3.9	33.8	2793.9	725.0	5.3	-7.1	356.1	2.7	0.2	-3.7	305.2	314.4	3.1	40.5	2.0	185.
11.0	35.4	3079.0	700.0	2.9	-21.1	345.0	3.4	0.9	-3.3	306.6	310.0	1.0	14.1	2.1	180.
12.0	33.1	3374.0	675.0	2.4	-26.3	340.3	5.1	1.7	-4.8	308.4	310.6	0.7	10.1	2.4	185.
13.1	41.9	3672.7	650.0	1.7	-34.2	332.2	6.2	1.9	-5.9	310.5	312.0	0.3	4.8	2.7	182.
14.3	44.7	3992.2	625.0	-0.6	-34.0	328.5	6.9	2.5	-6.5	311.6	313.0	0.3	5.8	3.2	175.
15.5	47.5	4317.9	600.0	-2.0	-35.3	320.9	7.9	3.9	-6.9	312.5	314.0	0.3	6.0	3.7	175.
14.6	50.4	4653.4	575.0	-5.2	-36.7	328.9	8.3	4.3	-7.1	313.5	314.9	0.3	6.3	4.2	175.
17.9	53.4	5000.9	550.0	-7.5	-36.9	335.1	8.3	3.5	-7.6	315.1	316.2	0.3	7.4	4.7	165.
17.1	55.5	5360.8	525.0	-10.2	-36.0	329.3	8.1	4.2	-7.0	316.1	317.3	0.3	10.0	5.4	165.
20.4	59.4	5735.2	500.0	-12.4	-38.3	324.5	8.6	5.0	-7.0	319.0	319.0	0.3	13.8	6.6	165.
21.7	62.8	6125.1	475.0	-15.1	-36.6	320.6	9.5	4.8	-8.2	319.3	320.5	0.3	13.8	6.6	165.
23.1	66.1	6531.4	450.0	-18.3	-37.9	321.4	10.5	6.6	-8.2	320.2	321.3	0.3	16.0	7.4	161.
24.6	69.6	6955.8	425.0	-21.6	-41.0	316.6	9.6	6.6	-7.0	321.2	322.1	0.2	14.0	8.2	159.
26.2	73.0	7395.1	400.0	-25.2	-45.3	312.6	10.2	7.5	-6.9	322.2	322.8	0.2	13.3	9.1	157.
27.9	76.7	7864.5	375.0	-28.9	-48.1	308.6	10.4	8.1	-6.5	323.4	323.9	0.1	13.6	10.0	154.
27.5	93.4	8354.9	350.0	-32.3	-44.1	301.4	8.1	6.9	-6.2	325.2	326.0	0.2	29.5	10.9	152.
31.3	84.3	8973.7	325.0	-36.1	-42.5	290.0	4.0	3.9	0.7	327.0	328.0	0.3	51.2	11.4	150.
31.0	89.5	9424.7	300.0	-40.0	59.9	181.6	3.5	-1.1	3.3	329.0	329.0	99.9	99.9	11.4	149.
34.9	92.9	10012.0	275.0	-45.6	59.9	139.3	10.0	-0.5	7.6	329.2	329.9	99.9	99.9	10.7	150.
36.6	97.5	10641.5	250.0	-50.2	99.9	131.6	21.1	-13.1	16.5	331.5	331.5	99.9	99.9	9.0	150.
37.9	102.4	11321.7	225.0	-55.6	99.9	133.7	28.0	-20.2	19.3	331.3	331.3	99.9	99.9	5.8	159.
41.2	107.6	12061.0	200.0	-61.8	59.9	148.9	23.2	-12.0	19.9	334.8	334.8	99.9	99.9	2.6	197.
43.7	113.3	12882.4	175.0	-64.4	59.9	185.8	5.2	0.8	8.2	343.8	343.8	99.9	99.9	1.2	247.
46.9	119.5	13931.3	150.0	-61.4	99.9	164.6	10.9	0.9	10.9	354.3	354.3	99.9	99.9	1.5	303.
50.5	126.5	14962.4	125.0	-60.3	99.9	222.2	12.6	8.6	9.5	385.8	385.8	99.9	99.9	3.0	7.
54.7	134.3	16350.0	100.0	-61.0	99.9	229.1	11.7	8.9	7.7	400.8	400.8	99.9	99.9	3.8	260.
60.2	143.3	18137.8	75.0	-60.8	59.9	255.9	6.4	6.2	1.6	445.5	445.5	99.9	99.9	8.6	37.
67.5	153.5	20663.5	50.0	-58.5	59.9	272.6	3.4	3.4	-0.2	605.6	605.6	99.9	99.9	8.8	42.
78.9	163.7	25166.5	25.0	-46.8	99.9	91.3	2.2	-2.2	0.0	650.4	650.4	99.9	99.9	9.4	29.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 239
JACKSON, MISSISSIPPI
28 APRIL 1979
2005 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
3.0	7.3	91.0	998.3	24.4	19.0	330.0	1.5	0.0	-3.3	297.7	334.6	14.0	72.0	0.0	0.
92.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.3	297.2	975.0	21.3	16.6	277.1	3.0	2.9	-0.4	296.6	329.0	12.3	74.6	0.1	267.
1.1	11.5	521.9	950.0	18.0	15.6	327.6	1.7	0.9	-1.5	296.2	327.3	11.0	81.0	0.1	240.
1.7	13.6	750.4	925.0	16.1	14.8	22.0	2.3	-0.9	-2.2	295.8	326.1	11.6	92.3	0.1	225.
2.3	15.0	983.5	900.0	14.2	12.9	24.1	3.3	-1.3	-3.0	296.1	323.0	10.5	91.0	0.2	217.
3.2	19.0	1221.5	875.0	13.1	11.6	28.5	4.1	-2.0	-3.6	297.5	323.0	9.9	90.2	0.4	209.
4.1	22.3	1468.4	850.0	11.7	10.3	35.1	4.6	-2.7	-3.8	298.4	323.3	9.3	91.1	0.7	212.
5.0	22.6	1715.2	825.0	10.9	9.8	9.8	4.0	-0.7	-4.0	300.1	318.4	6.7	87.0	0.9	210.
5.0	24.9	1971.7	800.0	9.8	3.7	1.0	4.9	-0.1	-4.5	301.4	319.1	6.3	85.6	1.1	209.
6.9	27.3	2235.1	775.0	8.3	1.5	346.8	4.9	1.1	-4.0	302.8	318.3	5.5	82.3	1.4	199.
7.9	29.4	2505.5	750.0	7.3	-5.1	331.1	4.1	2.0	-3.6	304.5	314.9	3.6	41.9	1.6	192.
4.9	32.0	2787.9	725.0	6.2	-10.7	328.7	4.4	2.3	-3.7	306.3	313.3	2.3	28.6	1.7	187.
9.9	34.5	3071.0	700.0	5.3	-15.0	327.4	6.2	3.4	-5.3	308.4	313.7	1.7	21.8	2.0	182.
17.9	37.0	3367.2	675.0	4.0	-19.9	322.9	9.0	5.4	-7.1	310.1	313.0	1.2	18.5	2.3	175.
11.9	33.5	3072.8	650.0	1.8	-21.5	323.2	10.3	6.2	-8.3	311.0	314.4	1.1	15.7	2.9	169.
13.0	42.1	3927.5	625.0	-0.2	-23.0	323.6	10.6	6.3	-8.5	312.2	315.3	1.0	15.9	3.6	163.
14.2	44.0	4312.8	600.0	-2.4	-24.7	325.6	10.1	5.7	-8.3	313.3	316.1	0.9	16.0	4.3	160.
15.4	47.4	4649.2	575.0	-4.7	-26.4	328.1	8.0	4.6	-7.5	314.6	317.1	0.8	16.2	4.9	159.
16.7	50.2	4956.9	550.0	-7.6	-27.7	324.2	9.5	5.6	-7.7	315.1	317.4	0.7	18.1	5.6	157.
17.7	53.0	5356.7	525.0	-10.3	-28.2	318.0	11.0	7.4	-8.2	316.1	318.9	0.8	25.6	6.2	156.
17.0	55.9	5730.3	500.0	-13.5	-27.7	314.5	12.4	8.0	-8.7	316.6	319.2	0.8	29.1	7.1	153.
20.3	54.8	6118.5	475.0	-16.3	-29.5	315.3	12.4	8.7	-8.8	317.6	320.2	0.7	30.7	8.0	151.
21.5	61.9	6523.2	450.0	-19.0	-35.0	310.4	12.1	7.9	-9.2	319.4	320.8	0.4	22.7	8.9	149.
23.1	69.0	6945.8	425.0	-22.5	-30.5	324.6	11.3	6.5	-9.2	320.2	321.5	0.4	26.4	10.0	148.
25.6	69.3	7387.7	400.0	-26.3	-40.0	326.2	11.0	6.1	-9.2	320.9	321.9	0.3	26.0	11.0	148.
26.2	71.6	7851.6	375.0	-25.4	-44.7	315.9	10.3	7.2	-7.4	322.7	323.4	0.2	21.0	12.0	148.
27.0	75.0	8340.3	350.0	-32.8	-46.5	301.6	9.0	8.4	-5.2	324.6	325.1	0.2	23.9	13.0	146.
29.6	79.6	8857.8	325.0	-36.8	-49.6	302.4	8.0	7.4	-4.7	326.0	326.5	0.1	24.8	13.9	145.
31.3	82.3	9407.6	300.0	-40.5	-49.9	321.2	3.2	2.0	-2.5	328.4	329.9	99.9	99.9	14.5	144.
33.2	86.3	9994.0	275.0	-45.0	-49.9	98.9	2.4	-2.4	0.4	328.2	329.9	99.9	99.9	14.5	144.
35.2	90.4	10421.0	250.0	-50.8	-49.9	130.4	10.7	-7.0	0.2	330.5	329.9	99.9	99.9	14.5	144.
37.6	94.0	11299.6	225.0	-55.5	-49.9	121.0	28.7	-17.8	10.7	323.5	329.9	99.9	99.9	14.5	147.
39.9	99.6	12039.1	200.0	-62.0	-49.9	134.3	15.1	-10.8	10.5	334.6	329.9	99.9	99.9	14.5	155.
42.4	104.6	12863.6	175.0	-65.0	-49.9	178.8	8.1	-0.2	8.1	347.4	329.9	99.9	99.9	7.0	156.
45.3	110.3	13821.8	150.0	-61.3	-49.9	220.0	11.4	7.3	8.7	364.4	329.9	99.9	99.9	6.0	144.
48.9	116.5	14951.7	125.0	-60.5	-49.9	224.5	9.5	6.6	6.8	385.5	329.9	99.9	99.9	6.7	126.
52.9	123.3	16342.9	100.0	-60.9	-49.9	238.6	11.7	10.0	6.1	410.1	329.9	99.9	99.9	7.6	109.
50.2	131.7	18129.3	75.0	-41.6	-49.9	237.8	7.3	6.2	3.9	443.5	329.9	99.9	99.9	10.2	96.
44.9	142.0	20458.9	50.0	-37.0	-49.9	237.5	3.2	2.7	1.7	509.2	329.9	99.9	99.9	10.7	91.
75.9	154.5	25150.5	25.0	-47.0	-49.9	134.1	1.4	-3.0	1.0	607.6	329.9	99.9	99.9	10.9	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI25 APRIL 1979
2305 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX ATO CM/KG	RH PCT	RANGE KM	AZ DG
0-0	7-7	91-0	996-9	24-7	17-4	330-0	2-1	1-1	-1-8	298-1	331-7	12-7	64-0	0-0	0-0
0-9	9-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-8	9-6	285-3	975-0	21-9	15-6	15-5	2-1	-0-6	-2-0	297-2	327-7	11-5	67-4	0-1	17-0
1-7	11-7	510-4	550-0	19-6	15-1	21-8	2-0	-0-8	-1-9	297-1	327-3	11-4	75-1	0-2	18-1
2-5	11-9	739-7	925-0	17-5	13-7	9-0	1-8	-0-3	-1-9	297-2	325-7	10-7	78-4	0-3	19-1
3-3	16-1	974-0	900-0	16-2	11-1	333-2	1-8	0-8	-1-6	298-2	323-0	9-3	71-7	0-4	19-2
4-2	10-4	1213-4	875-0	14-4	9-6	309-7	2-9	2-2	-1-8	298-0	322-1	8-6	72-9	0-5	17-0
5-1	20-5	1458-1	850-0	12-6	9-0	209-9	3-7	3-1	-1-9	299-3	322-5	8-5	79-0	0-6	16-4
6-0	23-0	1708-4	825-0	10-7	9-2	302-3	4-2	3-5	-2-2	299-9	324-0	8-9	90-3	0-7	15-1
6-9	25-1	1064-6	800-0	9-0	5-9	306-6	4-4	3-6	-2-6	300-2	320-8	7-3	80-5	1-0	14-0
7-8	27-5	2227-9	775-0	7-9	3-5	305-3	4-0	3-3	-2-3	302-3	320-1	6-4	73-6	1-2	13-1
8-7	29-8	2458-1	750-0	7-3	-4-4	319-3	5-2	3-4	-3-9	304-8	315-2	3-7	43-2	1-4	10-0
9-7	32-2	2777-0	725-0	6-9	-11-1	331-5	7-6	3-6	-6-6	307-1	313-9	2-3	26-2	1-8	11-1
10-7	34-7	3064-6	700-0	5-7	-15-1	336-6	10-4	4-1	-9-6	308-8	314-0	1-7	20-7	2-3	10-1
11-4	37-1	3361-1	675-0	4-1	-17-5	338-6	12-7	4-9	-11-8	310-2	314-7	1-4	18-9	3-0	10-0
12-9	39-7	3656-7	650-0	2-0	-18-9	339-4	14-0	4-9	-13-1	311-2	315-4	1-3	19-5	3-9	10-0
14-0	42-2	3981-5	625-0	-0-5	-20-9	343-0	12-6	3-7	-12-0	311-9	315-6	1-2	19-6	4-8	10-2
15-2	44-9	4308-1	600-0	-3-1	-22-9	348-0	11-2	3-7	-10-6	312-6	315-8	1-0	19-8	5-6	10-4
16-3	47-6	4642-0	575-0	-5-0	-21-6	332-9	10-9	5-0	-9-7	314-1	317-9	1-2	25-7	6-4	10-4
17-6	50-2	4909-5	550-0	-7-7	-23-7	326-5	11-7	6-5	-9-8	315-0	318-3	1-0	26-3	7-2	10-4
18-9	53-0	5349-2	525-0	-10-9	-23-3	327-8	11-9	6-3	-10-1	315-2	319-0	1-1	35-1	8-1	10-3
20-2	55-9	5722-7	500-0	-12-1	-26-9	335-7	13-3	5-5	-12-1	317-1	319-9	0-8	30-1	9-2	10-3
21-6	58-9	6112-5	475-0	-14-8	-31-0	331-6	12-7	6-0	-11-2	319-6	321-7	0-6	23-7	10-3	10-3
23-1	61-9	6512-7	450-0	-16-7	-32-8	329-1	13-1	7-1	-11-0	319-6	321-6	0-5	27-2	11-4	10-3
24-5	65-0	6942-0	425-0	-21-8	-36-2	323-2	11-9	6-8	-9-8	321-1	322-5	0-4	25-5	12-5	10-2
26-0	68-3	7325-7	400-0	-25-4	-39-6	327-1	11-4	6-2	-9-5	322-0	323-0	0-3	24-5	13-4	10-2
27-5	71-5	7859-3	375-0	-29-4	-43-5	330-5	11-9	5-9	-10-3	322-7	323-4	0-2	23-9	14-5	10-1
29-2	74-9	8339-0	350-0	-33-0	-46-7	326-8	11-8	6-5	-9-9	324-3	324-9	0-2	23-6	15-7	10-1
31-1	78-5	8856-3	325-0	-37-1	-49-9	327-2	11-7	6-4	-9-9	325-8	326-1	0-1	24-6	17-1	10-1
33-1	82-2	9405-3	300-0	-40-9	-52-9	315-3	9-6	6-8	-6-8	327-7	327-7	99-9	99-9	18-5	10-1
35-2	85-2	9991-2	275-0	-45-2	-59-9	324-2	4-7	2-7	-3-8	329-7	329-7	99-9	99-9	19-2	10-1
37-2	90-3	10420-2	250-0	-50-7	-66-6	315-3	3-3	-2-4	-2-2	330-7	330-7	99-9	99-9	19-3	10-1
39-3	94-6	11298-1	225-0	-56-6	-69-9	319-3	3-7	-3-4	1-5	331-6	331-6	99-9	99-9	19-3	10-1
41-7	99-2	12038-1	200-0	-60-4	-74-9	319-7	5-2	-1-9	4-9	337-2	337-2	99-9	99-9	18-7	10-1
44-6	104-3	12869-4	175-0	-66-3	-79-9	301-7	7-0	2-6	6-5	350-4	350-4	99-9	99-9	17-8	10-1
48-0	109-8	13825-0	150-0	-61-6	-84-9	231-4	7-6	5-9	4-7	364-6	364-6	99-9	99-9	17-6	10-1
51-9	116-0	14955-4	125-0	-59-4	-89-9	237-9	9-3	7-9	5-0	387-5	387-5	99-9	99-9	17-9	10-1
56-6	123-0	16343-0	100-0	-60-1	-94-9	244-2	10-9	9-8	4-8	411-6	411-6	99-9	99-9	18-4	10-1
62-3	131-0	18133-0	75-0	-61-8	-99-9	263-2	7-8	7-7	1-0	443-5	443-5	99-9	99-9	20-3	10-1
70-1	141-0	20458-3	50-0	-57-4	-99-9	298-2	3-5	3-1	-1-6	508-1	508-1	99-9	99-9	20-7	10-1
82-7	153-5	25160-1	25-0	-49-0	-99-9	99-9	99-9	99-9	99-9	643-9	643-9	99-9	99-9	20-6	10-1

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 238
JACKSON, MISSISSIPPI

26 APRIL 1979
205 GMT

TIME	CNCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT 1	E POT 1	GM/KG	PCY	NAME	AZ
0.0	0.0	91.0	996.7	19.9	18.2	98.9	98.0	0.0	0.0	242.3	320.7	13.4	99.0	99.0	0.0
05.5	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.1	201.5	975.0	28.9	28.9	10.0	99.7	3.0	-3.0	296.2	320.9	12.5	99.9	99.9	0.2 262.
1.6	10.3	506.6	950.0	19.5	19.5	15.7	350.0	1.1	-1.1	297.0	320.4	11.9	70.6	70.6	0.3 299.
2.4	12.5	730.2	925.0	10.3	10.3	13.1	297.0	1.3	1.3	296.2	320.9	12.5	77.5	77.5	0.2 262.
3.3	14.6	900.0	900.0	16.0	16.0	12.0	270.0	1.0	1.0	290.0	320.2	10.4	79.4	79.4	0.2 230.
4.3	16.9	1249.1	875.0	14.3	14.3	11.1	283.4	1.7	1.7	290.6	320.2	9.5	81.1	81.1	0.1 200.
5.2	19.2	1450.1	850.0	12.0	12.0	9.7	250.0	2.0	2.0	299.2	323.4	9.0	83.6	83.6	0.1 136.
6.1	21.5	1705.3	825.0	11.0	11.0	3.5	301.4	5.1	-4.0	301.1	317.9	6.0	86.0	86.0	0.4 136.
7.1	23.0	1502.9	800.0	11.5	11.5	1.2	333.5	3.0	-3.0	303.5	315.4	4.2	39.1	39.1	0.4 149.
8.1	26.2	2220.2	775.0	11.3	11.3	4.0	333.5	3.0	-3.0	303.5	315.4	4.2	39.1	39.1	0.4 149.
9.1	29.5	2501.0	750.0	9.2	9.2	15.3	325.7	15.3	-12.7	300.5	319.0	4.3	44.4	44.4	1.0 150.
10.0	31.0	2701.1	725.0	7.2	7.2	2.1	332.0	10.0	-16.0	307.4	320.5	4.5	51.5	51.5	2.5 149.
11.0	33.5	3065.2	700.0	5.6	5.6	0.0	330.3	14.5	-13.5	308.8	317.2	2.0	30.5	30.5	3.0 151.
12.1	36.0	3365.2	675.0	3.3	3.3	-10.2	340.2	14.3	-13.7	309.2	317.2	2.6	30.2	30.2	4.3 153.
13.2	39.6	3670.5	650.0	1.6	1.6	-10.3	347.6	13.4	-13.1	310.6	316.0	2.0	29.6	29.6	5.2 155.
14.4	41.2	3965.3	625.0	-0.2	-0.2	-10.0	345.5	14.3	-13.9	312.2	316.9	1.5	24.7	24.7	6.2 157.
15.5	43.9	4316.0	600.0	-2.4	-2.4	-20.4	342.3	15.9	-15.1	313.2	317.3	1.2	23.4	23.4	7.2 158.
16.7	46.6	4546.0	575.0	-5.4	-5.4	-22.6	330.4	16.1	-15.0	313.7	317.2	1.1	24.3	24.3	8.3 158.
17.0	49.3	4553.7	550.0	-8.0	-8.0	-25.0	330.6	15.0	-14.0	314.8	317.6	0.9	24.1	24.1	9.5 158.
17.9	49.3	4553.7	550.0	-8.0	-8.0	-25.0	330.6	15.0	-14.0	314.8	317.6	0.9	24.1	24.1	9.5 158.
19.1	52.1	5353.3	525.0	-10.7	-10.7	-27.5	341.9	15.9	-13.2	319.5	310.0	0.0	23.4	23.4	10.5 158.
20.5	53.1	5726.9	500.0	-13.5	-13.5	-30.6	344.0	13.1	-12.6	316.6	319.5	0.0	31.4	31.4	11.6 159.
21.9	59.1	6115.2	475.0	-16.3	-16.3	-30.6	334.9	12.2	-11.0	317.0	319.0	0.6	27.0	27.0	12.7 159.
23.0	61.1	6519.9	450.0	-19.1	-19.1	-34.7	324.0	10.9	-8.0	319.3	320.0	0.4	23.5	23.5	13.7 150.
24.9	64.4	6942.9	425.0	-22.3	-22.3	-39.0	319.0	7.2	-0.5	321.6	322.0	0.3	20.7	20.7	14.6 157.
26.0	67.6	7365.5	400.0	-25.5	-25.5	-41.0	327.7	10.4	-6.0	321.5	322.6	0.2	20.7	20.7	15.6 156.
28.0	71.0	7850.5	375.0	-28.0	-28.0	-44.2	330.7	13.1	-11.4	323.2	323.9	0.2	21.1	21.1	16.7 156.
29.0	74.0	8341.0	350.0	-32.4	-32.4	-47.1	329.7	12.7	-10.9	325.0	326.0	0.2	21.4	21.4	18.1 156.
31.0	78.0	8950.5	325.0	-37.0	-37.0	-51.0	320.4	12.8	-10.9	325.0	326.0	0.1	21.7	21.7	19.6 155.
33.0	81.7	9467.2	300.0	-41.5	-41.5	-50.9	333.7	9.9	-8.9	326.9	326.9	0.0	99.9	99.9	21.0 155.
35.7	85.7	9991.1	275.0	-46.1	-46.1	-50.9	344.7	0.0	-7.7	320.2	320.2	0.0	99.9	99.9	22.0 155.
37.0	89.0	10617.6	250.0	-51.0	-51.0	-50.9	343.4	4.7	-4.0	329.4	329.4	0.0	99.9	99.9	22.7 155.
40.1	94.3	11291.5	225.0	-57.9	-57.9	-50.9	315.5	5.0	-4.0	329.7	329.7	0.0	99.9	99.9	23.4 155.
42.6	99.0	12023.5	200.0	-62.0	-62.0	-50.9	295.4	5.1	-2.2	333.6	329.9	0.0	99.9	99.9	24.1 154.
45.7	104.3	12645.6	175.0	-62.2	-62.2	-50.9	270.0	6.0	-0.0	347.3	347.3	0.0	99.9	99.9	24.7 152.
45.1	109.0	13757.9	150.0	-61.6	-61.6	-50.9	267.0	6.0	-0.0	344.1	344.1	0.0	99.9	99.9	25.2 150.
53.7	116.0	14927.0	125.0	-60.0	-60.0	-50.9	252.3	9.3	0.0	340.3	340.3	0.0	99.9	99.9	26.0 145.
59.0	123.0	16314.0	100.0	-60.6	-60.6	-50.9	260.6	7.3	1.2	410.7	410.7	0.0	99.9	99.9	26.9 141.
64.1	131.3	16097.0	75.0	-60.4	-60.4	-50.9	233.9	4.5	3.6	446.4	446.4	0.0	99.9	99.9	27.5 136.
72.4	141.5	20626.6	50.0	-55.2	-55.2	-50.9	149.6	3.0	-1.8	813.4	813.4	0.0	99.9	99.9	27.3 135.
85.0	154.0	25095.0	25.0	-50.7	-50.7	-50.9	55.9	3.4	-2.0	639.0	639.0	0.0	99.9	99.9	28.7 130.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 235
 JACKSON, MISSISSIPPI

 26 APRIL 1979
 505 GHT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DO K	E POT T DO K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.3	91.0	997.1	16.7	15.4	140.0	0.0	0.0	0.0	250.1	310.6	11.1	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	5.0	284.1	975.0	19.6	17.5	118.0	4.0	-3.6	1.9	294.7	328.5	13.0	88.6	0.2	270.0
1.5	10.0	508.1	550.0	18.8	15.6	176.0	1.9	-0.1	1.9	296.2	327.3	11.8	81.0	0.3	292.0
2.4	11.9	737.5	925.0	17.8	16.1	244.7	2.1	1.9	0.9	297.2	330.6	12.6	90.0	0.3	302.0
3.3	13.9	971.7	500.0	15.9	14.1	999.9	99.9	99.9	99.9	297.4	328.8	11.4	89.2	0.3	330.0
4.2	16.0	1211.1	675.0	14.6	12.9	999.9	99.9	99.9	99.9	299.0	327.8	10.8	89.3	999.9	999.9
5.1	19.2	1456.3	850.0	13.0	11.4	999.9	99.9	99.9	99.9	299.6	326.9	10.1	90.1	999.9	999.9
6.0	20.3	1707.8	825.0	12.7	5.9	999.9	99.9	99.9	99.9	302.0	322.4	7.4	65.9	999.9	999.9
7.0	22.5	1966.2	800.0	12.6	1.6	999.9	99.9	99.9	99.9	304.4	319.7	5.4	47.6	999.9	999.9
8.1	24.7	2232.2	775.0	11.6	-0.3	999.9	99.9	99.9	99.9	306.3	320.2	4.8	43.8	999.9	999.9
9.0	27.0	2505.6	750.0	9.9	0.4	999.9	99.9	99.9	99.9	307.3	322.5	5.3	51.8	999.9	999.9
10.0	29.3	2787.0	725.0	8.3	-0.3	999.9	99.9	99.9	99.9	308.6	323.5	5.2	54.3	999.9	999.9
11.1	31.7	3076.1	700.0	6.3	-1.1	999.9	99.9	99.9	99.9	309.5	324.2	5.1	59.1	4.8	136.0
12.1	34.1	3373.4	675.0	4.0	-5.2	332.3	16.8	7.8	-14.9	310.1	321.5	3.9	51.2	5.9	139.0
13.3	36.7	3679.4	650.0	1.8	-8.5	336.1	14.5	6.4	-13.1	311.0	320.4	3.1	46.2	6.9	141.0
14.4	39.2	3954.3	625.0	-0.8	-9.8	336.9	14.8	5.8	-13.6	311.6	320.4	2.9	50.4	7.9	143.0
15.7	41.9	4318.8	600.0	-3.9	-7.5	339.0	15.6	5.6	-14.6	312.4	322.5	3.6	76.1	8.9	145.0
16.9	44.7	4653.6	575.0	-6.5	-9.1	339.1	15.7	5.6	-14.6	313.4	318.5	3.3	81.9	10.1	146.0
18.1	47.4	4999.6	550.0	-8.8	-19.2	336.2	14.7	5.0	-13.5	313.4	318.5	1.5	42.9	11.2	148.0
19.5	50.4	5359.2	525.0	-10.3	-25.4	331.9	14.0	6.6	-12.4	316.1	319.1	0.9	27.5	12.3	148.0
20.8	53.4	5733.0	500.0	-13.2	-28.2	335.6	12.9	5.3	-11.8	316.9	319.4	0.7	27.1	13.4	148.0
22.2	56.6	6121.4	475.0	-16.1	-33.2	328.7	13.7	7.1	-11.7	318.1	319.8	0.5	21.1	14.5	149.0
23.8	59.9	6526.3	450.0	-19.0	-37.9	326.1	15.5	8.6	-12.8	319.4	320.5	0.3	16.8	15.9	149.0
25.3	63.3	6949.9	425.0	-21.6	-41.5	320.0	15.2	9.8	-11.6	321.3	322.2	0.2	14.6	17.3	148.0
27.0	66.8	7393.5	400.0	-25.1	-43.7	316.0	14.1	9.8	-10.1	322.3	323.1	0.2	15.6	18.7	147.0
28.7	70.5	7856.8	375.0	-28.4	-49.9	310.9	13.6	10.6	-8.5	324.6	325.6	0.2	31.8	20.1	147.0
30.4	74.3	8350.3	350.0	-32.6	-43.9	308.6	13.5	11.1	-7.6	326.1	326.6	0.1	28.0	22.9	144.0
32.3	79.5	8868.0	325.0	-36.7	-48.5	305.1	13.5	11.1	-7.6	327.3	327.3	99.9	999.9	22.9	143.0
34.3	82.8	9416.8	300.0	-41.2	-54.9	310.9	10.6	8.1	-6.0	329.5	329.5	99.9	999.9	25.5	143.0
36.3	87.4	10001.0	275.0	-46.4	-59.9	328.4	10.3	5.4	-6.0	329.5	329.5	99.9	999.9	26.5	144.0
38.4	92.2	10626.8	250.0	-51.5	-59.9	307.5	3.2	-1.6	-2.8	330.6	329.9	99.9	999.9	26.6	145.0
40.8	97.5	11302.1	225.0	-57.4	-59.9	307.5	8.1	6.4	-4.9	335.0	329.9	99.9	999.9	27.3	145.0
43.5	103.0	12035.6	200.0	-61.8	-59.9	305.9	11.0	9.0	-6.5	338.0	329.9	99.9	999.9	29.0	143.0
46.4	109.2	12965.3	175.0	-61.8	-59.9	294.5	9.0	8.1	-3.7	365.2	329.9	99.9	999.9	30.9	142.0
49.6	115.5	13919.9	150.0	-60.9	-59.9	266.5	10.3	10.3	0.6	385.4	329.9	99.9	999.9	32.6	140.0
53.6	122.7	14950.9	125.0	-60.5	-59.9	250.1	9.0	8.5	3.1	411.4	329.9	99.9	999.9	33.7	136.0
58.0	130.3	16348.6	100.0	-68.2	-59.9	228.7	5.7	4.3	-0.1	506.8	329.9	99.9	999.9	33.8	131.0
63.7	138.3	18132.5	75.0	-60.8	-59.9	272.1	3.3	3.3	-0.1	506.8	329.9	99.9	999.9	33.3	128.0
71.5	147.0	20660.1	50.0	-58.1	-59.9	999.9	99.9	99.9	99.9	634.9	329.9	99.9	999.9	32.8	130.0
84.5	156.0	25102.6	25.0	-52.1	-59.9	999.9	99.9	99.9	99.9	634.9	329.9	99.9	999.9	32.8	130.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

26 APRIL 1979
005 GMT

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	WX RTO CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	7.6	91.0	995.8	15.6	15.6	140.0	0.0	0.0	0.0	209.1	317.9	11.3	99.9	0.0	0.0
99.9	99.9	59.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
9.7	9.5	272.0	575.0	19.6	17.7	194.2	5.2	1.4	5.0	294.8	329.2	13.2	80.0	0.1	352.0
1.6	11.9	457.0	550.0	15.0	17.4	229.9	4.8	3.7	3.1	296.2	331.3	13.3	90.6	0.4	17.0
2.4	14.6	726.1	525.0	18.2	15.4	259.2	6.6	6.5	1.2	298.0	329.8	12.0	83.7	0.6	40.0
3.3	16.9	961.9	500.0	17.3	13.1	281.0	8.9	8.7	-1.8	299.4	327.8	10.6	76.1	0.9	60.0
4.1	19.4	1202.5	475.0	15.9	13.2	292.4	11.1	10.3	-4.2	300.3	329.6	11.0	84.0	1.3	70.0
5.0	21.9	1448.6	450.0	14.0	12.6	298.5	11.4	10.0	-5.4	300.6	330.2	10.9	91.5	1.8	91.0
5.9	24.4	1700.4	425.0	12.9	1.0	300.0	9.6	8.3	-4.8	302.3	316.4	9.0	44.4	2.3	97.0
6.8	27.0	1959.2	400.0	13.4	-0.7	301.5	10.4	8.9	-8.4	305.4	316.5	8.5	37.8	2.8	101.0
7.6	29.7	2226.0	775.0	11.7	0.5	305.6	12.5	10.2	-7.3	306.4	321.2	5.1	45.9	3.4	106.0
8.7	32.3	2498.6	750.0	10.2	-3.7	310.0	13.3	10.2	-8.6	307.7	319.1	3.9	37.4	4.1	110.0
9.7	35.0	2786.7	725.0	8.6	-2.1	315.5	13.6	9.6	-9.7	308.9	322.1	4.5	46.0	4.9	113.0
10.6	37.6	3078.0	700.0	6.3	-2.8	318.5	13.8	9.1	-10.3	309.5	322.6	4.5	52.2	5.7	117.0
11.9	40.6	3367.3	675.0	3.9	-2.4	320.9	13.5	8.5	-10.4	310.6	323.9	4.8	63.5	6.5	120.0
12.8	43.4	3673.1	650.0	1.6	-7.9	318.1	14.3	9.4	-10.7	310.8	320.6	3.3	49.2	7.3	122.0
13.8	46.3	3948.0	625.0	-0.3	-15.2	318.1	14.3	9.5	-10.6	312.1	310.0	1.9	31.2	8.1	124.0
15.0	49.4	4312.0	600.0	-3.1	-17.8	320.6	14.2	9.0	-10.9	312.6	317.5	1.6	30.9	9.1	125.0
16.1	52.4	4608.3	575.0	-5.5	-18.5	320.4	14.3	9.1	-11.0	313.8	318.4	1.6	35.4	10.0	127.0
17.4	55.4	4955.2	550.0	-8.3	-21.0	321.0	13.9	8.7	-10.8	314.2	318.4	1.3	35.0	11.0	128.0
18.7	59.6	5354.0	525.0	-10.1	-25.5	317.9	15.3	10.2	-11.3	316.4	319.4	0.9	28.9	12.2	129.0
20.0	61.9	5728.9	500.0	-13.0	-28.4	315.3	15.0	10.6	-10.7	317.2	319.6	0.7	26.0	13.4	130.0
21.4	65.1	6116.3	475.0	-15.6	-33.2	314.5	15.0	10.7	-10.5	318.7	320.4	0.5	20.3	14.5	130.0
22.8	69.6	6523.0	450.0	-18.9	-34.6	318.7	16.4	10.8	-12.3	319.5	321.1	0.4	23.5	15.9	131.0
24.3	72.1	6946.9	425.0	-22.0	-38.9	322.2	16.3	10.0	-12.0	320.2	321.9	0.3	19.8	17.3	132.0
25.7	75.7	7398.2	400.0	-25.4	-44.1	321.5	16.3	10.2	-12.6	322.0	322.7	0.2	15.3	18.7	132.0
27.3	79.5	7855.5	375.0	-28.7	-55.9	324.3	17.4	10.1	-14.1	323.7	323.9	0.0	5.3	20.3	133.0
29.0	83.4	8345.3	350.0	-32.8	-56.0	328.0	16.4	8.5	-14.0	324.2	324.7	0.1	8.0	22.0	134.0
30.9	87.5	8862.7	325.0	-36.7	-58.0	323.9	16.8	9.9	-13.6	326.2	326.3	0.0	99.9	23.6	135.0
32.9	91.8	9411.6	300.0	-41.3	99.9	325.7	16.3	9.2	-13.5	327.2	999.9	99.9	99.9	25.8	136.0
35.2	96.3	9956.0	275.0	-46.0	99.9	327.2	13.1	7.1	-11.0	327.7	999.9	99.9	99.9	27.6	137.0
37.3	101.0	10421.3	250.0	-51.4	99.9	326.3	8.9	4.9	-7.4	328.8	999.9	99.9	99.9	29.2	137.0
39.6	105.2	11256.7	225.0	-57.3	99.9	306.5	7.0	6.2	-4.6	330.7	999.9	99.9	99.9	30.8	137.0
41.9	111.5	12030.9	200.0	-62.8	99.9	307.1	14.8	11.8	-8.9	333.3	999.9	99.9	99.9	31.7	136.0
44.8	117.5	12854.5	175.0	-62.4	99.9	316.7	13.4	8.9	-9.4	344.4	999.9	99.9	99.9	34.2	136.0
48.1	123.9	13805.5	150.0	-62.2	99.9	308.4	12.2	10.5	-6.2	348.9	999.9	99.9	99.9	36.7	136.0
52.1	131.0	14932.7	125.0	-60.2	99.9	278.7	11.2	11.1	-1.7	355.5	999.9	99.9	99.9	39.1	136.0
56.9	139.0	16326.0	100.0	-54.3	99.9	251.6	9.2	8.7	2.9	411.1	999.9	99.9	99.9	41.8	131.0
62.7	147.7	18123.7	75.0	-60.4	99.9	243.3	8.2	7.3	3.7	448.4	999.9	99.9	99.9	41.9	127.0
70.9	157.3	20652.9	50.0	-58.7	99.9	308.5	4.3	3.4	-2.7	505.3	999.9	99.9	99.9	43.6	124.0
82.6	167.0	25111.4	25.0	-49.0	99.9	999.9	99.9	99.9	99.9	643.9	999.9	99.9	99.9	43.5	126.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

** BY TEMP MEANS TEMPERATURE CH TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

26 APRIL 1979
1100 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POP T DEG F	E POT T CG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.6	91.0	996.1	16.1	16.1	180.0	3.1	0.0	3.1	289.6	319.3	11.7	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	9.5	275.4	575.0	19.0	19.2	233.2	9.6	7.7	9.6	275.2	332.0	14.6	96.1	0.3	22.
1.4	11.0	508.4	950.0	20.0	18.1	250.6	8.9	8.4	2.9	297.2	334.1	13.0	88.7	0.6	51.
2.2	14.1	738.8	925.0	19.1	16.7	263.6	11.6	11.6	1.3	298.9	333.4	13.0	85.7	1.1	59.
3.2	16.5	946.5	900.0	17.5	14.9	272.6	10.3	10.3	-0.8	299.8	331.3	11.9	84.5	1.7	70.
4.1	17.9	1207.3	875.0	15.9	13.3	290.2	8.6	8.2	-3.0	300.3	330.1	11.1	84.7	2.8	77.
5.0	21.3	1453.4	850.0	13.9	11.9	290.7	8.5	7.8	-3.6	300.7	328.7	10.4	87.9	2.0	84.
6.0	23.8	1705.0	825.0	12.1	9.1	292.4	9.4	6.8	-3.3	301.4	325.0	8.9	82.0	3.0	89.
7.0	26.3	1964.0	800.0	13.0	1.2	292.7	11.2	10.3	-4.3	305.0	320.2	5.3	45.1	3.6	92.
7.9	29.8	2230.2	775.0	12.2	-15.8	290.9	12.8	12.6	-4.6	307.0	311.4	1.4	12.8	4.2	96.
8.9	31.4	2503.7	750.0	10.4	-9.0	289.8	14.5	13.7	-4.8	307.8	316.1	2.7	26.3	5.0	98.
9.7	34.0	2784.6	725.0	7.9	-2.1	293.4	14.0	12.8	-5.6	308.1	321.3	4.5	49.2	5.7	99.
10.7	36.7	3073.1	700.0	5.4	-2.7	298.0	13.1	11.6	-6.1	308.5	321.6	4.5	55.8	6.4	101.
11.6	39.3	3368.4	675.0	3.4	-2.4	298.0	12.9	11.3	-6.0	309.4	323.4	4.0	66.5	7.2	103.
12.6	42.1	3675.0	650.0	1.8	-10.3	294.0	12.3	11.5	-5.1	311.0	319.2	2.7	40.3	7.9	104.
13.9	44.9	3990.0	625.0	-0.2	-10.9	294.3	13.3	11.3	-5.1	311.6	319.7	2.7	46.0	8.7	105.
14.9	47.8	4314.8	600.0	-2.2	-12.2	298.9	13.7	12.2	-6.2	312.4	320.1	2.5	49.7	9.6	106.
15.0	52.6	4646.7	575.0	-6.3	-13.4	299.3	14.7	12.6	-7.2	312.6	319.9	2.4	57.1	10.6	107.
17.1	53.6	4955.8	550.0	-9.0	-16.0	305.1	14.4	11.8	-8.3	313.2	319.7	2.0	56.3	11.5	108.
18.4	55.6	5354.9	525.0	-10.5	-22.3	304.5	12.0	9.9	-6.0	315.2	319.7	1.2	37.3	12.5	110.
19.8	59.3	5728.3	500.0	-12.4	-24.2	298.4	13.4	11.8	-6.4	316.7	320.2	1.1	39.6	13.4	111.
21.1	63.0	6117.0	475.0	-15.3	-31.7	305.6	17.5	14.2	-10.2	319.0	321.0	0.6	23.0	14.6	112.
22.4	65.3	6523.6	450.0	-18.2	-26.3	310.6	19.6	14.8	-12.7	320.7	323.6	1.0	49.0	16.1	113.
23.8	69.7	6948.5	425.0	-20.6	-35.2	313.7	19.1	13.8	-13.2	322.6	323.2	0.2	8.9	17.6	115.
25.2	73.3	7393.1	400.0	-24.9	-49.0	313.7	20.2	14.6	-13.9	322.6	323.0	0.1	8.5	19.2	117.
26.6	75.9	7858.8	375.0	-28.4	-52.0	318.2	17.4	11.6	-12.9	324.0	324.9	0.3	25.9	20.8	118.
28.3	80.7	8346.9	350.0	-32.8	-60.2	317.7	16.5	11.1	-12.2	324.2	325.6	0.3	47.2	22.2	119.
29.9	84.7	8866.6	325.0	-36.6	-69.6	318.7	19.1	12.5	-14.4	326.2	326.6	0.1	24.2	23.9	121.
31.7	89.8	9416.9	300.0	-40.7	99.9	318.5	18.9	13.0	-13.7	328.0	999.9	99.9	999.9	25.9	122.
32.5	93.0	10002.6	275.0	-45.9	99.9	316.3	20.5	14.2	-14.6	328.2	999.9	99.9	999.9	27.9	123.
35.7	97.6	10629.1	250.0	-51.0	99.9	313.1	20.4	14.9	-13.9	329.1	999.9	99.9	999.9	30.5	124.
39.0	102.6	11305.6	225.0	-56.5	99.9	310.7	22.1	16.8	-14.4	331.5	999.9	99.9	999.9	33.3	125.
40.7	107.8	12043.9	200.0	-61.7	99.9	327.0	22.5	12.3	-18.9	335.1	999.9	99.9	999.9	37.1	126.
43.5	113.4	12866.7	175.0	-63.1	99.9	314.0	21.6	15.5	-15.0	345.7	999.9	99.9	999.9	40.4	128.
46.3	119.5	13819.9	150.0	-63.3	99.9	310.4	17.0	12.9	-11.0	361.1	999.9	99.9	999.9	44.0	129.
50.1	125.3	14746.4	125.0	-60.4	99.9	289.5	12.4	11.7	-4.1	385.6	999.9	99.9	999.9	46.9	127.
54.9	131.7	16334.4	100.0	-61.1	99.9	264.4	9.6	9.5	1.6	409.7	999.9	99.9	999.9	49.5	126.
61.1	142.3	18132.7	75.0	-55.2	99.9	255.9	9.5	9.2	2.4	448.8	999.9	99.9	999.9	51.8	122.
69.3	151.7	20672.0	50.0	-52.2	99.9	352.3	5.8	0.7	-5.0	506.3	999.9	99.9	999.9	53.9	122.
81.7	181.5	25168.6	25.0	-46.4	99.9	352.6	3.2	0.4	-3.2	651.5	999.9	99.9	999.9	52.7	123.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

28 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	RH PCT	RANGE KM	AZ DEG
00	5.1	5.0	1000.4	17.0	17.0	300.0	2.1	1.0	-1.0	290.2	323.0	12.8	99.9	0.0	0.0
0.2	5.0	78.9	1000.0	16.5	16.6	280.6	5.0	4.9	-0.9	292.6	327.0	13.7	99.9	0.2	90.0
1.0	9.0	297.5	575.0	19.4	14.3	280.2	4.6	4.5	-0.8	294.7	322.5	10.6	72.2	0.6	100.0
1.8	10.1	521.1	950.0	18.1	13.2	244.9	1.9	1.7	0.0	295.6	322.4	10.1	73.1	0.6	107.0
2.7	12.4	749.8	525.0	17.1	11.9	180.5	1.6	0.0	1.0	296.8	322.1	9.5	71.4	0.6	101.0
3.0	14.5	903.3	900.0	15.3	10.1	187.7	2.5	0.3	2.5	297.2	320.5	8.7	71.2	0.6	99.0
4.5	16.8	1221.6	875.0	13.3	8.6	200.1	2.4	0.0	2.3	297.6	319.3	8.0	72.8	0.6	75.0
5.3	19.1	1465.1	850.0	11.6	6.8	220.6	1.3	0.0	0.9	298.3	318.0	6.4	63.2	0.7	69.0
6.1	21.4	1710.6	825.0	10.0	5.0	290.5	0.8	0.0	-0.3	300.0	313.0	4.9	50.0	0.7	69.0
7.0	23.0	1970.7	800.0	10.6	5.6	350.6	3.7	0.5	-3.1	302.5	307.0	1.5	15.3	0.7	70.0
7.9	24.1	2235.2	775.0	11.9	-42.6	339.1	5.7	2.0	-5.4	306.7	307.1	0.1	1.0	0.7	90.0
8.9	24.5	2505.4	750.0	10.5	-43.5	340.8	7.2	2.4	-6.0	308.0	308.4	0.1	1.0	1.0	110.0
10.0	31.0	2785.3	725.0	6.6	-27.4	241.6	7.5	2.4	-7.1	310.0	311.0	0.0	5.4	1.0	132.0
11.0	33.5	3070.5	700.0	6.6	-21.7	330.9	7.0	3.8	-6.8	309.0	312.0	1.0	11.1	1.0	138.0
12.1	36.0	3375.4	675.0	4.7	-25.3	327.1	8.8	4.0	-7.3	310.9	313.3	0.7	9.1	2.3	140.0
13.2	39.5	3681.6	650.0	2.9	-40.2	331.2	10.0	4.0	-8.7	312.2	312.5	0.1	1.0	3.0	142.0
14.4	41.2	3957.5	625.0	0.9	-49.4	335.5	9.4	3.9	-8.5	313.5	313.7	0.1	1.0	3.0	144.0
15.5	43.9	4224.1	600.0	-3.2	-50.5	335.0	8.2	3.5	-7.5	315.1	315.3	0.1	1.0	4.2	146.0
16.7	46.6	4662.3	575.0	-9.0	-51.9	320.0	7.0	4.0	-6.7	316.5	316.5	0.1	1.0	4.8	146.0
18.1	49.3	5012.0	550.0	-6.1	-53.2	340.0	10.5	3.6	-9.9	318.0	318.0	0.1	1.3	6.1	147.0
19.4	52.1	5374.0	525.0	-9.0	-53.2	340.2	9.1	4.5	-9.0	317.0	317.0	0.0	1.0	5.4	147.0
20.7	55.0	5745.5	500.0	-11.9	-52.3	340.0	10.5	3.6	-9.9	318.0	318.0	0.1	1.0	6.9	148.0
22.1	58.0	6138.6	475.0	-15.3	-49.0	334.3	10.3	4.5	-9.3	319.1	319.4	0.1	1.0	7.7	149.0
23.6	61.1	6543.2	450.0	-19.0	-49.9	331.9	9.2	4.4	-8.2	319.4	319.5	0.0	1.3	9.0	149.0
25.1	64.3	6968.5	425.0	-21.6	-53.7	331.0	9.2	4.2	-8.2	321.4	321.4	0.0	1.0	9.4	150.0
26.7	67.5	7412.9	400.0	-24.3	-50.9	338.3	10.6	3.9	-9.8	323.4	323.5	0.0	2.4	10.4	150.0
28.4	70.9	7875.6	375.0	-28.3	-50.5	331.4	12.1	5.0	-10.6	324.2	324.4	0.1	0.0	11.5	151.0
30.1	74.3	8378.2	350.0	-32.6	-50.0	322.8	12.7	7.7	-10.1	324.2	325.0	0.0	0.0	12.0	150.0
32.1	78.0	8887.7	325.0	-36.7	-50.2	327.0	11.4	6.2	-9.6	326.1	326.3	0.0	7.5	14.2	150.0
34.1	81.8	9436.2	300.0	-42.0	-49.9	332.6	11.0	5.3	-10.3	326.2	326.3	0.0	99.9	15.6	150.0
36.2	85.8	10019.0	275.0	-47.1	-49.9	330.0	10.2	5.1	-8.0	327.0	327.0	0.0	99.9	17.0	150.0
38.6	90.0	10641.7	250.0	-52.2	-49.9	324.7	9.3	5.4	-7.6	328.0	328.0	0.0	99.9	18.4	150.0
41.0	94.4	11315.0	225.0	-57.4	-49.9	320.0	7.8	5.0	-6.0	330.0	330.0	0.0	99.9	19.6	148.0
43.9	99.2	12054.0	200.0	-60.0	-49.9	302.0	11.6	9.7	-6.3	337.0	337.0	0.0	99.9	20.9	148.0
46.8	104.3	12804.9	175.0	-60.8	-49.9	295.0	15.1	13.7	-6.4	340.0	340.0	0.0	99.9	23.3	145.0
50.4	110.0	13640.3	150.0	-62.1	-49.9	293.2	12.9	11.9	-5.1	343.2	343.2	0.0	99.9	25.7	142.0
54.0	116.0	14967.1	125.0	-62.1	-49.9	288.9	12.1	11.1	-3.9	346.0	346.0	0.0	99.9	27.9	139.0
57.9	123.0	16348.6	100.0	-52.5	-49.9	277.9	9.0	9.7	-1.3	414.0	414.0	0.0	99.9	30.3	136.0
61.9	131.3	18129.1	75.0	-64.1	-49.9	253.0	6.9	0.0	1.9	438.0	438.0	0.0	99.9	31.7	131.0
72.9	141.0	20633.5	50.0	-57.6	-49.9	332.4	4.6	2.2	-4.1	507.0	507.0	0.0	99.9	33.0	128.0
84.7	152.0	25082.5	25.0	-49.1	-49.9	999.9	0.0	99.9	9.9	643.4	643.4	0.0	99.9	31.4	133.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

25 APRIL 1979
1405 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0-0	6-0	5-0	1010-0	20-6	19-4	330-0	2-6	1-3	-2-3	292-5	329-5	14-2	93-0	10-0	0-0
0-3	0-9	91-2	1000-0	19-9	16-7	330-0	2-6	0-4	-2-4	293-1	324-5	12-1	92-0	0-2	100-0
1-1	9-3	305-9	975-0	19-5	14-4	315-3	3-8	0-4	-2-7	294-7	322-8	10-7	92-0	0-3	123-0
2-1	11-7	533-0	950-0	18-3	13-6	273-3	3-0	3-0	-0-2	295-2	323-2	10-6	94-0	0-0	121-0
2-9	14-1	762-1	925-0	14-4	12-6	236-6	2-4	2-0	1-3	296-3	323-0	10-6	97-6	0-7	113-0
3-8	16-6	995-2	900-0	14-0	10-4	220-8	3-0	1-9	2-3	296-2	320-4	0-6	94-0	0-7	103-0
4-8	19-0	1233-1	875-0	13-0	9-0	217-9	2-7	1-6	2-1	297-3	319-0	0-3	96-0	0-0	01-0
5-7	21-6	1476-5	850-0	11-0	7-4	258-1	3-7	1-7	0-4	297-7	318-3	7-6	96-0	0-0	04-0
6-6	24-1	1725-1	825-0	6-8	0-7	305-5	1-5	1-2	-0-9	298-0	312-6	4-9	93-6	1-0	08-0
7-7	26-7	1981-7	800-0	12-3	-13-3	11-7	2-7	-0-6	-2-7	304-3	309-5	1-7	93-6	1-0	08-0
8-7	29-3	2246-7	775-0	18-8	-17-4	1-3	5-0	-0-1	-5-0	305-5	309-5	1-3	93-6	1-0	08-0
9-8	32-6	2518-0	750-0	5-6	-46-0	358-1	6-4	0-4	-6-3	307-3	307-3	0-1	93-6	1-0	12-0
10-9	36-7	2755-1	725-0	8-6	-46-7	347-2	7-1	1-6	-6-9	308-5	309-2	0-1	93-6	1-0	13-0
11-8	37-3	3087-0	700-0	6-6	-45-9	336-1	7-8	3-1	-7-1	309-2	310-1	0-1	93-6	1-0	13-0
12-9	40-1	3385-0	675-0	5-1	-46-3	330-7	9-9	3-3	-9-4	311-4	311-7	0-1	93-6	1-0	13-0
14-1	42-9	3651-6	650-0	3-1	-27-3	331-6	11-6	3-7	-11-1	312-2	314-7	0-7	93-6	1-0	13-0
15-2	45-8	4007-7	625-0	0-5	-24-5	336-7	11-5	4-5	-10-5	313-1	315-8	0-8	93-6	1-0	13-0
15-5	48-7	4333-9	600-0	-1-7	-30-5	332-3	9-4	4-4	-8-4	314-1	315-8	0-5	93-6	1-0	13-0
17-7	51-6	4670-9	575-0	-4-1	-32-9	331-3	8-4	4-0	-7-4	315-2	316-7	0-4	93-6	1-0	13-0
19-9	54-6	5016-5	550-0	-6-9	-34-7	331-6	7-2	3-4	-6-4	315-5	317-1	0-4	93-6	1-0	13-0
20-2	57-9	5380-5	525-0	-9-5	-34-5	337-1	6-3	2-4	-5-0	317-0	318-3	0-4	93-6	1-0	13-0
21-4	60-9	5754-0	500-0	-12-7	-32-8	337-9	9-3	3-5	-6-6	317-6	319-2	0-5	93-6	1-0	13-0
22-7	64-1	6144-3	475-0	-15-4	-30-1	322-6	11-1	6-7	-8-8	318-9	320-2	0-4	93-6	1-0	13-0
24-2	67-5	6550-8	450-0	-17-7	-41-8	310-6	11-2	8-5	-7-3	321-0	321-8	0-2	93-6	1-0	13-0
25-6	71-0	6975-3	425-0	-21-3	-44-2	311-2	10-5	7-9	-6-9	321-7	322-4	0-2	93-6	1-0	13-0
27-0	74-6	7419-2	400-0	-25-5	-47-1	305-9	10-5	8-5	-6-2	321-5	322-4	0-1	93-6	1-0	13-0
28-7	78-2	7884-1	375-0	-29-1	-48-0	304-0	10-2	8-4	-5-7	323-1	323-6	0-1	93-6	1-0	13-0
30-4	82-0	8372-8	350-0	-33-2	-54-7	318-0	11-0	7-4	-8-2	324-0	324-2	0-1	93-6	1-0	13-0
32-3	86-0	8869-6	325-0	-36-9	-54-0	324-5	13-7	7-9	-11-1	325-6	326-1	0-1	93-6	1-0	13-0
34-3	90-2	9437-8	300-0	-41-8	-59-9	321-7	14-2	7-0	-13-0	326-5	326-5	0-1	93-6	1-0	13-0
36-4	94-6	10020-9	275-0	-47-1	-59-9	328-6	14-2	7-4	-12-1	327-5	327-5	0-1	93-6	1-0	13-0
38-7	99-2	10645-0	250-0	-52-1	-59-9	322-3	12-9	7-9	-10-2	328-0	328-0	0-1	93-6	1-0	13-0
40-9	104-2	11316-5	225-0	-57-0	-59-9	308-2	14-8	11-9	-8-7	329-5	329-5	0-1	93-6	1-0	13-0
43-5	109-5	12051-7	200-0	-63-6	-59-9	303-6	15-7	13-1	-8-7	332-3	332-3	0-1	93-6	1-0	13-0
46-5	115-3	12800-3	175-0	-62-7	-59-9	300-5	15-6	12-6	-8-3	333-5	333-5	0-1	93-6	1-0	13-0
49-6	121-5	13842-0	150-0	-62-7	-59-9	302-5	10-2	8-6	-5-5	362-0	362-0	0-1	93-6	1-0	13-0
53-5	128-3	15973-5	125-0	-55-9	-59-9	278-0	10-6	10-5	-1-5	386-6	386-6	0-1	93-6	1-0	13-0
57-1	136-3	18363-0	100-0	-55-0	-59-9	250-5	10-6	10-5	1-8	412-1	412-1	0-1	93-6	1-0	13-0
64-1	145-3	18151-0	75-0	-59-9	-59-9	258-3	7-2	7-2	0-2	447-3	447-3	0-1	93-6	1-0	13-0
71-8	155-0	20678-5	50-0	-58-5	-59-9	215-3	4-4	3-7	-3-1	505-7	505-7	0-1	93-6	1-0	13-0
83-8	164-7	25164-9	25-0	-49-2	-59-9	98-3	7-6	-7-5	1-1	643-7	643-7	0-1	93-6	1-0	13-0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
25 APRIL 1979
1705 GMT

TIME MIN	CUTCT	HEIGHT CM	PRES MB	TEMP DEG C	DZW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RYB CM/HG	RH PCT	RANGE KM	AZ DEG
0.0	5.0	5.0	1010.0	25.0	19.0	200.0	2.1	2.1	0.0	297.9	334.3	13.9	67.0	0.0	0.0
0.3	6.3	56.2	1000.0	24.0	16.3	999.9	99.9	99.9	99.9	297.9	329.1	11.0	59.0	999.9	999.9
1.2	8.6	317.6	975.0	22.1	15.0	999.9	99.9	99.9	99.9	297.4	326.0	11.1	64.1	999.9	999.9
2.3	10.9	502.0	950.0	19.0	14.8	999.9	99.9	99.9	99.9	297.1	326.0	11.2	73.9	0.0	55.0
3.3	13.0	772.2	925.0	17.5	15.0	243.4	1.3	1.1	0.0	297.2	328.0	12.0	87.0	0.3	50.0
4.3	15.0	1066.3	900.0	16.2	13.4	202.9	2.2	2.2	-0.5	298.2	327.0	10.5	83.1	0.5	60.0
5.0	15.2	1245.6	875.0	14.1	12.5	290.0	2.2	2.0	-0.9	298.2	326.0	10.5	90.2	0.7	69.0
5.6	20.7	1490.5	850.0	13.5	10.7	328.4	3.4	1.8	-2.0	300.3	326.3	9.6	83.2	0.8	85.0
7.0	23.2	1741.3	825.0	11.7	7.0	350.0	5.0	0.1	-3.0	301.0	322.0	7.7	72.0	0.8	90.0
9.7	25.0	2000.0	800.0	14.3	-21.1	9.7	4.9	-0.8	-4.9	306.0	309.0	1.1	8.0	0.8	110.0
9.6	20.4	2206.9	775.0	13.0	-15.0	12.5	0.1	-1.7	-7.9	307.0	312.2	1.4	12.0	0.9	131.0
10.0	31.0	2501.1	750.0	11.7	-21.0	9.2	9.3	-1.5	-9.2	309.3	312.4	1.0	8.3	1.2	140.0
11.0	33.7	2823.1	725.0	9.7	-12.0	0.1	10.1	-0.0	-10.1	310.1	310.9	2.2	21.0	1.7	160.0
12.5	36.4	3113.0	700.0	7.3	-8.3	373.0	10.0	1.1	-10.0	310.0	319.0	2.0	31.7	2.0	185.0
13.0	39.2	3411.0	675.0	5.0	-11.0	308.1	10.1	2.1	-9.0	311.2	318.3	2.3	20.0	3.0	190.0
14.7	42.0	3712.0	650.0	2.0	-13.2	345.0	10.3	2.5	-10.0	311.9	318.5	2.1	30.0	3.7	180.0
15.0	40.0	4033.0	625.0	0.0	-17.0	330.6	10.6	4.2	-17.7	313.0	317.0	1.5	20.3	4.0	160.0
17.0	47.0	4359.0	600.0	-1.4	-24.2	318.1	9.5	6.3	-7.1	314.2	317.5	0.9	18.0	5.1	160.0
19.2	50.0	4657.0	575.0	-3.0	-25.3	307.0	7.0	0.0	-4.0	315.0	318.0	0.8	10.0	8.7	160.0
19.5	50.0	5000.0	550.0	-6.0	-25.9	317.2	6.7	0.5	-4.9	316.0	318.0	0.8	20.2	8.1	157.0
23.0	57.0	5407.9	525.0	-9.3	-32.4	322.5	10.1	0.1	-0.9	317.2	318.0	0.5	13.2	6.7	150.0
22.3	60.3	5723.2	500.0	-12.4	-34.7	317.5	12.4	0.4	-0.2	317.9	319.3	0.0	13.5	7.7	150.0
23.7	63.5	6173.0	475.0	-14.5	-38.0	310.5	12.7	9.7	-0.3	320.0	321.1	0.3	11.0	8.7	152.0
25.2	66.9	6500.9	450.0	-17.0	-37.4	313.6	12.1	0.0	-0.4	321.1	322.3	0.3	15.0	9.0	149.0
25.8	70.0	7005.5	425.0	-21.0	-38.4	309.5	13.4	10.3	-0.5	322.7	322.0	0.3	20.0	10.9	140.0
21.5	70.0	7400.1	400.0	-24.0	-38.9	300.5	13.0	10.3	-0.5	322.7	323.9	0.3	25.0	12.3	140.0
22.2	77.7	7914.7	375.0	-29.2	-45.4	300.5	13.0	11.5	-0.8	323.0	323.0	0.2	19.0	13.8	140.0
32.0	81.5	8404.5	350.0	-32.9	-46.4	296.0	10.7	13.2	-0.4	324.5	325.1	0.2	24.0	15.0	141.0
33.0	85.5	8927.0	325.0	-37.0	-49.3	290.2	10.9	13.4	-0.6	324.2	325.3	0.1	20.7	16.0	130.0
35.9	89.7	9462.2	300.0	-41.9	99.9	201.0	12.7	10.8	-0.7	326.2	329.0	99.9	99.9	18.1	137.0
37.0	90.0	10051.0	275.0	-47.0	99.9	303.4	9.8	8.0	-5.7	327.2	329.0	99.9	99.9	19.5	130.0
43.3	95.0	10675.5	250.0	-52.5	99.9	299.0	9.2	0.0	-5.0	329.1	329.9	99.9	99.9	20.7	135.0
42.0	103.5	11302.2	225.0	-50.1	99.9	295.0	13.2	11.9	-5.8	329.0	329.0	99.9	99.9	22.1	130.0
45.7	109.8	12085.0	200.0	-59.0	99.9	300.4	20.0	10.4	-13.0	330.4	330.4	99.9	99.9	25.1	133.0
45.0	110.5	12922.2	175.0	-55.0	99.9	311.4	15.2	11.4	-10.1	351.3	359.9	99.9	99.9	28.3	132.0
51.0	120.0	13074.4	150.0	-62.5	99.9	290.3	10.6	12.9	-6.9	362.8	369.9	99.9	99.9	31.1	133.0
56.1	127.7	15011.0	125.0	-55.0	99.9	205.1	10.7	10.7	0.3	377.4	399.9	99.9	99.9	33.0	129.0
62.0	135.3	16060.7	100.0	-50.2	99.9	203.9	9.1	9.1	1.0	415.4	439.9	99.9	99.9	35.8	126.0
66.9	140.0	18198.0	75.0	-55.4	99.9	270.6	7.0	7.0	-0.0	440.4	499.9	99.9	99.9	37.0	122.0
75.1	150.5	20723.7	50.0	-56.2	99.9	45.0	4.3	-3.0	-1.0	511.2	599.9	99.9	99.9	38.0	123.0
87.0	165.5	25222.0	25.0	-60.0	99.9	90.0	0.1	-0.1	0.0	600.5	699.9	99.9	99.9	39.0	125.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 200
LAKE CHARLES, LOUISIANA
25 APRIL 1979
2005 GAT

TIME M/T	CATCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	WZ RTO CM/KG	RM MCT	RANGE KM	AZ DEG
00	6.2	9.0	1000.0	26.7	17.2	230.0	4.1	3.1	2.6	299.2	332.0	12.6	54.0	9.0	0.
0.2	6.9	75.4	1000.0	25.8	15.2	500.0	99.9	99.9	99.9	299.6	328.3	11.0	52.2	999.9	999.
1.1	9.2	297.1	975.0	22.5	13.5	999.9	99.9	99.9	99.9	297.2	324.7	10.1	56.8	999.9	999.
2.0	11.3	522.5	950.0	20.2	12.3	999.9	99.9	99.9	99.9	297.7	323.1	9.3	60.6	999.9	999.
2.9	13.0	752.3	925.0	18.2	11.5	230.2	3.5	2.9	2.0	297.9	322.0	9.3	65.0	0.0	02.
3.9	16.2	986.7	900.0	16.3	12.7	233.3	3.4	2.7	2.0	299.3	325.9	10.3	70.3	1.0	08.
4.7	19.6	1226.1	875.0	14.0	11.7	236.1	3.6	2.8	0.8	298.4	324.9	9.9	85.8	1.2	50.
5.5	21.0	1478.2	850.0	11.7	10.8	209.7	1.8	1.6	-0.8	298.2	324.4	9.7	94.1	1.3	52.
6.4	23.5	1719.9	825.0	10.0	7.4	225.1	2.5	1.4	-2.1	299.1	320.7	7.9	94.7	1.3	57.
7.3	26.0	1974.8	800.0	14.4	-24.3	342.5	4.0	3.2	-3.9	306.4	308.7	0.7	8.2	1.3	64.
8.2	29.5	2262.0	775.0	12.9	-14.5	349.5	6.3	1.2	-6.2	307.7	312.7	1.6	13.6	1.3	77.
9.2	31.1	2517.8	750.0	10.9	-7.9	346.8	8.2	1.9	-8.0	308.4	316.8	2.8	25.9	1.3	97.
10.2	33.7	2759.2	725.0	8.7	-6.7	346.8	10.9	3.5	-10.2	309.0	318.6	3.2	32.8	1.6	113.
11.3	36.3	3086.6	700.0	7.1	-13.3	342.0	12.6	3.7	-12.0	310.1	316.4	2.9	21.6	2.3	136.
12.6	39.1	3366.0	675.0	4.5	-16.3	346.6	13.9	3.7	-13.4	310.7	316.5	1.9	23.9	3.1	149.
13.7	41.6	3692.1	650.0	2.7	-21.3	346.9	15.3	3.5	-14.9	312.1	315.6	1.1	15.3	4.0	146.
14.9	44.6	4007.0	625.0	0.2	-15.3	346.5	15.3	3.6	-14.9	312.6	310.5	1.9	30.2	5.1	151.
16.2	47.4	4323.4	600.0	-1.8	-20.0	337.0	13.4	5.3	-12.5	314.8	316.0	0.6	10.5	6.2	133.
17.4	50.4	4609.8	575.0	-4.8	-26.4	326.1	12.0	6.7	-10.0	314.4	316.6	0.6	13.7	7.1	153.
18.7	53.3	5017.5	550.0	-7.7	-27.8	322.6	12.2	7.4	-9.7	314.5	317.3	0.7	18.5	8.1	152.
20.1	56.4	5377.3	525.0	-10.7	-24.1	318.0	14.0	9.4	-10.4	315.4	318.9	1.0	31.9	9.1	150.
21.4	59.5	5750.6	500.0	-13.3	-30.1	310.8	14.5	10.9	-9.4	316.2	318.9	0.6	22.7	10.3	149.
22.9	62.6	6140.0	475.0	-17.1	-36.0	308.7	12.7	10.9	-7.2	319.2	320.6	0.4	14.8	11.3	146.
24.3	66.0	6545.3	450.0	-19.2	-23.4	305.9	13.9	11.2	-8.1	319.1	320.8	0.5	27.0	12.6	145.
25.9	69.4	6968.0	425.0	-22.7	-32.6	302.1	4.0	12.6	-7.9	319.9	321.9	0.6	39.7	13.6	143.
27.4	73.0	7405.4	400.0	-25.5	-39.5	303.2	5.5	13.0	-8.5	321.9	322.9	0.3	25.5	14.9	141.
29.2	76.7	7876.7	375.0	-28.7	-44.6	311.3	16.8	12.6	-11.1	323.6	324.3	0.2	19.7	16.7	139.
30.9	80.4	8364.8	350.0	-32.7	-48.9	319.3	18.8	12.2	-14.2	324.7	325.2	0.1	17.9	18.6	138.
32.5	84.5	8862.2	325.0	-37.1	-52.4	316.2	18.3	12.7	-13.2	325.6	325.9	0.1	18.3	20.3	139.
34.1	88.5	9438.3	300.0	-41.4	-59.9	317.1	16.7	11.3	-12.2	327.6	327.6	0.9	99.9	22.2	139.
35.4	92.8	10014.5	275.0	-46.1	-69.9	317.4	16.6	12.7	-13.6	328.4	328.4	99.9	99.9	24.4	138.
37.7	97.4	10646.1	250.0	-51.6	-99.9	310.7	22.0	16.7	-14.3	329.1	329.9	99.9	99.9	27.2	138.
41.2	102.4	11314.2	225.0	-57.4	-99.9	303.5	24.3	20.3	-13.5	330.5	330.5	99.9	99.9	30.6	137.
47.8	107.6	12037.9	200.0	-58.2	-99.9	309.9	26.3	20.2	-16.9	340.6	340.6	99.9	99.9	34.3	135.
46.7	113.3	12855.1	175.0	-60.0	-99.9	312.7	19.1	14.0	-12.9	351.8	351.8	99.9	99.9	38.5	135.
52.3	119.5	13651.6	150.0	-62.2	-99.9	308.0	16.3	13.5	-9.1	363.0	363.0	99.9	99.9	42.1	135.
54.4	126.7	14983.4	125.0	-60.8	-99.9	281.5	13.5	13.3	-2.7	410.5	410.5	99.9	99.9	45.6	133.
59.1	136.7	16376.7	100.0	-60.7	-99.9	267.7	10.3	10.3	0.4	445.8	445.8	99.9	99.9	48.0	131.
65.1	143.7	19166.3	75.0	-60.6	-99.9	232.2	8.6	7.1	4.9	445.8	445.8	99.9	99.9	50.9	127.
73.3	150.0	20681.4	50.0	-56.3	-99.9	222.0	4.3	3.0	3.1	506.0	506.0	99.9	99.9	52.0	127.
85.9	166.7	25197.1	25.0	-45.3	-99.9	99.9	99.9	99.9	99.9	643.2	643.2	99.9	99.9	49.0	128.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
25 APRIL 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. Y DEG K	E POT. Y DEG K	MX RTG CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.0	5.0	1006.6	24.4	10.6	210.8	5.1	2.5	4.4	297.8	333.6	13.7	71.0	0.0	0.
2.1	6.6	62.9	1000.0	24.4	17.9	156.3	6.8	-2.4	9.5	297.5	331.9	13.1	67.4	0.4	32.
1.0	9.0	284.7	975.0	22.5	16.7	170.1	5.1	-0.9	5.1	297.5	330.7	12.4	69.7	0.6	34.
1.9	11.4	516.8	950.0	20.9	15.6	229.9	5.2	4.0	3.4	295.4	329.8	11.8	71.8	0.9	37.
2.4	13.6	741.2	925.0	18.9	15.3	247.8	4.3	3.9	1.7	298.7	330.3	11.9	70.3	1.2	41.
3.6	14.2	976.5	900.0	17.5	14.2	287.9	2.7	2.5	-0.8	299.6	330.1	11.4	80.9	1.3	47.
4.5	14.7	1217.3	875.0	16.0	11.9	352.2	1.8	0.2	-1.8	300.4	327.6	10.1	76.8	1.3	51.
5.6	21.2	1463.4	850.0	14.2	10.5	7.8	2.7	-0.4	-2.6	301.8	326.7	9.5	78.7	1.2	58.
6.4	23.8	1716.8	825.0	16.1	-6.6	319.6	3.9	2.5	-3.0	305.6	314.0	2.8	28.6	1.1	65.
7.7	25.3	1977.4	800.0	15.6	-2.5	308.5	5.9	4.6	-3.7	307.8	319.5	4.9	28.6	1.3	75.
1.7	29.0	2245.5	775.0	13.6	-1.5	308.7	6.3	6.5	-5.2	308.4	321.3	4.4	35.2	1.6	86.
3.6	31.6	2521.2	750.0	12.5	-2.7	316.0	9.7	6.7	-7.0	310.1	322.4	4.2	34.6	2.0	90.
10.7	34.3	2804.5	725.0	10.3	-6.1	326.7	9.5	5.5	-8.3	310.7	320.6	3.4	31.1	2.0	100.
11.9	37.1	3055.5	700.0	8.1	-5.9	333.9	11.5	5.1	-10.3	311.2	322.1	3.3	36.4	3.1	110.
13.1	40.0	3396.4	675.0	5.7	-3.4	327.8	13.9	7.4	-11.7	312.6	325.1	4.4	52.0	3.0	125.
14.3	42.8	3702.0	650.0	3.0	-3.9	327.2	14.9	8.1	-12.6	312.3	325.5	4.4	60.7	4.0	130.
15.5	45.6	4018.5	625.0	0.7	-11.1	330.0	15.1	7.6	-13.1	313.2	321.3	2.6	40.9	5.9	136.
16.7	48.6	4344.8	600.0	-2.3	-10.3	325.8	15.0	8.4	-12.4	313.4	322.6	3.0	55.8	7.0	140.
17.9	51.6	4681.4	575.0	-5.3	-10.3	322.5	14.2	8.7	-11.3	313.2	323.1	3.0	67.8	8.0	137.
19.2	54.8	5028.7	550.0	-8.2	-14.1	319.9	14.6	9.4	-11.2	314.2	321.6	2.3	62.5	9.1	137.
20.3	57.9	5388.4	525.0	-10.2	-24.3	317.9	15.1	10.1	-11.2	316.1	319.5	1.9	30.4	10.1	137.
21.9	61.1	5763.0	500.0	-12.4	-28.4	317.2	14.9	10.1	-10.9	317.5	320.3	0.7	24.8	11.6	130.
23.4	64.4	6192.6	475.0	-15.6	-31.1	317.3	16.2	11.0	-11.9	318.7	320.7	0.6	24.9	12.0	137.
25.1	67.9	6558.3	450.0	-18.7	-32.1	318.6	18.5	12.2	-13.9	319.7	321.7	0.6	29.5	10.0	130.
26.8	71.4	6982.1	425.0	-21.9	-28.9	310.0	18.1	13.9	-11.7	320.9	323.7	0.6	52.9	10.6	137.
28.4	75.0	7426.8	400.0	-25.6	-30.7	304.9	17.9	14.7	-10.2	321.7	324.2	0.7	62.2	10.3	136.
30.1	78.7	7889.3	375.0	-29.0	-40.8	310.7	13.6	10.3	-8.9	323.2	324.2	0.3	31.0	19.8	135.
32.0	82.7	8378.6	350.0	-32.1	-38.5	312.7	13.6	9.5	-8.8	325.4	326.8	0.4	52.8	21.2	135.
33.8	86.7	8899.2	325.0	-35.9	-41.5	304.1	15.9	13.1	-10.1	327.3	328.4	0.3	56.0	22.0	135.
35.9	91.0	9448.8	300.0	-41.5	59.9	305.4	17.5	14.3	-10.1	326.5	999.9	99.9	99.9	24.9	135.
38.2	95.3	10032.5	275.0	-46.4	99.9	308.9	15.7	12.2	-9.8	327.7	999.9	99.9	99.9	27.1	133.
40.6	100.0	10658.0	250.0	-52.1	99.9	304.4	14.0	11.6	-7.9	328.6	999.9	99.9	99.9	29.2	133.
43.3	104.3	11332.6	225.0	-57.2	99.9	320.6	20.8	19.1	-25.8	330.2	999.9	99.9	99.9	31.6	132.
45.1	110.2	12076.1	200.0	-57.1	99.9	317.1	22.1	15.1	-18.2	342.4	999.9	99.9	99.9	36.2	131.
47.5	115.8	12915.8	175.0	-59.3	99.9	295.9	22.7	15.1	-18.2	351.8	999.9	99.9	99.9	41.4	133.
51.4	122.0	13567.5	150.0	-63.6	99.9	296.1	22.7	14.7	-9.9	360.5	999.9	99.9	99.9	46.1	132.
57.4	129.8	15002.3	125.0	-56.2	99.9	296.1	16.3	14.7	-7.2	387.5	999.9	99.9	99.9	50.9	130.
63.0	136.3	16308.0	100.0	-61.3	99.9	278.1	12.0	15.5	-1.8	409.3	999.9	99.9	99.9	53.0	129.
69.7	145.0	18171.3	75.0	-61.1	99.9	276.8	8.9	8.9	-1.1	444.2	999.9	99.9	99.9	58.9	129.
70.6	153.0	20695.7	50.0	-56.8	99.9	99.9	99.9	99.9	99.9	509.7	999.9	99.9	99.9	60.2	127.
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 249
LAKE CHARLES, LOUISIANA

26 APRIL 1979
205 GMT

TIME MIN	CNCT	WEIGHT GPM	WES MB	TEMP CG C	DEB PT CG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT Y DG K	W R TO CM/KS	RM PCT	RANGE KM	AZ DG
0.0	6.3	5.0	1006.6	21.7	18.9	209.0	3.1	1.1	2.9	294.3	338.0	13.8	94.0	0.0	0.
0.2	6.9	8.4	1000.0	22.8	18.7	200.3	4.6	2.3	6.2	296.6	331.8	13.7	77.6	0.2	16.
1.0	9.1	203.3	975.0	21.9	18.3	197.2	6.6	1.9	6.3	296.6	324.9	10.6	63.9	0.8	21.
1.8	11.4	508.7	950.0	11.8	18.6	184.6	5.1	0.4	5.1	298.6	323.4	9.2	55.5	0.7	18.
2.7	13.7	739.4	925.0	19.0	11.5	168.2	3.9	-0.8	2.8	299.7	324.8	9.3	50.5	0.9	12.
3.5	16.1	975.1	900.0	18.4	11.3	144.4	3.1	-1.8	2.8	300.5	325.9	9.4	43.1	1.1	8.
4.4	18.5	1216.7	875.0	17.9	7.6	160.4	2.8	-0.7	1.8	302.4	323.5	7.6	51.7	1.2	1.
5.3	20.9	1464.9	850.0	18.7	-1.3	280.8	3.2	3.2	-0.6	305.7	317.6	4.1	25.7	1.2	4.
6.1	23.4	1720.6	825.0	17.8	-1.9	301.1	6.7	5.7	-3.4	307.4	319.2	4.1	26.2	1.1	17.
7.1	25.8	1922.8	800.0	14.8	-2.7	304.8	7.8	5.7	-4.8	308.8	320.3	3.9	26.7	1.1	40.
8.1	28.3	2251.7	775.0	14.4	-3.6	313.2	7.1	5.2	-4.9	309.4	320.6	3.8	28.4	1.2	61.
9.1	30.9	2527.5	750.0	12.6	-5.1	318.1	8.1	5.4	-6.1	310.2	319.9	3.2	26.6	1.3	79.
10.1	33.5	2810.7	725.0	10.6	-6.1	316.2	10.6	7.3	-7.6	311.1	321.4	3.5	31.4	1.7	95.
11.2	36.2	3102.0	700.0	6.8	-8.4	316.8	12.0	8.2	-8.8	311.9	327.5	5.3	53.7	2.3	108.
12.3	38.9	3401.2	675.0	5.3	-12.2	318.2	12.7	8.5	-9.5	311.8	325.0	4.5	53.4	3.0	115.
13.4	41.7	3708.6	650.0	3.1	-11.4	319.2	13.5	8.8	-10.2	312.2	320.1	2.5	53.5	3.8	120.
14.6	44.4	4028.7	625.0	0.3	-12.6	322.0	14.7	9.0	-11.6	312.8	320.0	2.3	37.1	4.8	124.
15.7	47.2	4358.6	600.0	-2.4	-14.8	323.6	15.6	9.3	-12.8	313.3	319.6	2.0	37.7	5.8	129.
17.0	53.1	4686.4	575.0	-5.6	-18.9	323.6	15.9	9.4	-12.8	313.4	318.1	1.5	34.1	7.0	131.
18.3	53.1	5037.3	550.0	-8.1	-23.6	322.0	14.5	8.9	-11.4	314.2	317.9	1.0	27.3	8.2	132.
19.7	55.1	5392.8	525.0	-11.0	-26.2	320.4	13.1	6.3	-10.1	315.2	318.1	0.9	27.2	9.3	133.
21.1	59.3	5766.4	500.0	-13.1	-31.6	320.6	12.2	7.8	-9.4	317.1	318.9	0.5	19.3	10.4	134.
22.5	64.4	6155.0	475.0	-16.1	-38.2	320.4	11.9	7.6	-9.2	318.1	320.3	0.7	28.8	11.3	135.
23.9	67.8	6508.2	450.0	-17.5	-45.0	325.9	14.2	8.0	-11.8	319.9	323.6	1.1	56.3	12.5	135.
25.5	65.1	6584.0	425.0	-21.6	-50.5	323.5	13.9	8.2	-11.2	321.2	324.1	0.9	53.8	13.8	136.
27.2	72.7	7427.5	400.0	-25.8	-52.4	323.6	13.6	8.1	-10.9	321.8	324.0	0.6	52.0	15.1	137.
29.0	78.3	7992.3	375.0	-29.5	-53.5	328.4	14.7	7.7	-12.5	322.2	324.7	0.6	67.8	16.6	138.
30.9	80.0	8381.1	350.0	-33.1	-57.9	328.9	15.7	8.1	-13.5	325.2	325.6	0.4	61.9	18.4	139.
32.9	85.0	8958.0	325.0	-37.1	-64.3	322.8	18.0	10.9	-14.3	325.2	326.3	0.2	46.7	20.3	140.
34.9	82.0	9445.2	300.0	-42.5	-69.9	317.6	19.7	13.3	-14.5	325.4	326.9	99.9	99.9	22.7	140.
37.1	92.4	10021.6	275.0	-47.1	-90.9	311.2	20.7	15.6	-13.6	327.1	329.9	99.9	99.9	25.2	139.
39.4	97.0	10651.7	250.0	-51.7	-99.9	314.2	28.7	20.6	-20.0	329.2	329.9	99.9	99.9	28.6	138.
42.2	101.8	11332.3	225.0	-54.5	-99.9	323.2	35.1	21.0	-20.1	335.1	329.9	99.9	99.9	34.0	138.
45.0	107.2	12028.5	200.0	-57.6	-99.9	335.5	38.7	16.0	-35.2	341.5	329.9	99.9	99.9	40.4	140.
47.1	112.8	12518.0	175.0	-62.8	-99.9	331.9	29.5	13.9	-26.1	346.2	329.9	99.9	99.9	46.4	142.
51.5	119.3	13843.4	150.0	-64.6	-99.9	306.5	25.1	20.2	-14.9	358.9	329.9	99.9	99.9	51.7	142.
55.7	126.3	14908.1	125.0	-59.3	-99.9	296.6	20.2	18.1	-9.1	367.4	329.9	99.9	99.9	57.2	140.
60.9	134.3	16372.6	100.0	-61.4	-99.9	282.4	14.8	13.6	-3.0	409.2	329.9	99.9	99.9	61.7	138.
67.1	144.0	18159.3	75.0	-62.1	-99.9	271.8	7.2	7.2	-0.2	442.7	329.9	99.9	99.9	65.7	136.
75.4	154.7	20623.4	50.0	-58.1	-97.9	159.1	4.0	-1.4	3.7	506.6	329.9	99.9	99.9	65.2	136.
88.3	163.5	25152.0	25.0	-50.9	-99.9	99.9	99.9	99.9	99.9	638.8	329.9	99.9	99.9	63.1	138.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
26 APRIL 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.0	5.0	1006.9	20.6	18.9	220.0	2.1	1.3	1.6	293.2	328.7	13.8	90.0	0.0	0.
0.2	6.6	64.9	1000.0	21.3	18.7	599.9	99.9	99.9	99.0	294.5	330.1	13.7	85.3	999.9	999.
1.0	9.0	284.4	975.0	16.0	17.9	599.9	99.9	99.9	99.0	295.0	329.0	13.4	88.8	999.9	999.
1.4	11.4	505.0	950.0	20.0	8.4	599.9	99.9	99.9	99.0	298.3	318.2	7.3	45.0	999.9	999.
2.0	13.0	738.1	925.0	16.5	7.3	599.9	99.9	99.9	99.0	299.3	318.4	7.0	45.3	999.9	999.
3.7	16.2	974.4	900.0	18.0	6.5	599.9	99.9	99.9	99.0	300.1	318.7	6.8	46.7	1.4	27.
4.6	19.7	1215.6	875.0	18.0	2.7	219.2	4.1	2.3	3.4	303.4	318.5	5.4	34.5	1.7	24.
5.6	21.2	1464.5	850.0	16.6	-5.8	258.6	4.6	4.5	0.9	306.7	315.4	2.9	17.5	1.9	29.
6.6	23.7	1728.2	825.0	18.0	-5.4	273.0	4.3	6.3	-0.3	307.6	316.9	3.1	19.9	2.0	37.
7.5	26.2	1982.4	800.0	16.5	-7.4	292.2	7.2	6.7	-2.7	308.2	317.1	2.8	18.7	2.2	45.
8.5	28.9	2251.6	775.0	15.0	-6.9	302.0	7.7	6.5	-4.1	310.0	318.0	2.9	21.3	2.4	56.
9.0	31.4	2527.6	750.0	12.4	-7.0	298.8	8.5	7.5	-4.1	310.0	318.1	3.0	25.2	2.6	66.
10.5	34.1	2810.3	725.0	5.8	-5.7	298.4	9.3	8.2	-4.4	310.2	320.5	3.5	33.3	3.0	75.
11.0	36.6	3106.8	700.0	7.0	-2.1	257.2	11.2	10.0	-5.1	311.1	325.0	4.7	49.0	3.6	83.
12.9	39.6	3395.5	675.0	5.3	-4.9	297.9	12.8	11.4	-6.0	311.6	323.3	3.9	47.7	4.3	94.
14.1	42.3	3706.3	650.0	3.5	-5.4	269.5	13.2	11.5	-6.5	311.2	320.6	2.9	41.0	5.1	94.
15.4	45.2	4021.6	625.0	-0.2	-16.0	299.1	15.0	13.1	-7.3	312.2	318.3	1.9	32.2	6.1	99.
16.5	49.1	4346.6	600.0	-3.0	-18.6	302.5	16.1	13.6	-8.6	312.7	317.4	1.5	29.1	7.1	102.
17.9	51.1	4682.1	575.0	-8.0	-25.0	310.1	15.2	11.6	-9.8	313.2	315.9	0.8	18.7	8.2	105.
19.1	54.1	5028.6	550.0	-8.6	-19.8	311.3	14.4	10.8	-9.5	313.9	318.5	1.4	39.0	9.3	106.
20.3	57.1	5387.8	525.0	-10.7	-25.8	309.8	12.7	9.8	-8.1	315.2	318.5	0.9	27.0	10.2	111.
21.7	60.3	5761.6	500.0	-13.0	-26.4	312.3	12.8	9.4	-8.0	317.2	320.1	0.9	31.3	11.2	112.
23.2	63.6	6150.2	475.0	-16.2	-25.3	319.2	13.3	8.7	-10.1	317.2	321.3	1.0	45.4	12.2	116.
24.7	66.9	6555.6	450.0	-18.0	-41.1	317.6	14.6	9.9	-10.8	320.7	321.5	0.2	11.3	13.4	117.
26.3	70.3	6979.7	425.0	-21.7	-57.8	317.5	17.6	11.7	-13.0	321.2	321.3	0.0	2.2	14.8	119.
27.9	73.9	7423.3	400.0	-24.9	-65.8	325.5	20.7	11.7	-17.1	322.6	322.7	0.0	1.0	16.5	121.
29.6	77.6	7889.0	375.0	-28.9	-68.4	326.8	23.0	12.6	-19.2	323.4	323.4	0.0	1.0	18.6	124.
31.5	81.3	8378.2	350.0	-32.1	-71.2	326.7	21.8	12.0	-18.2	324.2	324.2	0.0	1.0	21.0	127.
33.5	85.3	8894.1	325.0	-37.9	-74.4	327.9	22.8	12.1	-19.3	324.2	324.5	0.0	1.0	23.4	129.
35.5	89.5	9440.8	300.0	-42.4	-79.9	327.4	29.3	15.8	-24.7	325.7	329.9	99.9	999.9	26.4	131.
37.9	93.0	10022.3	275.0	-47.1	-85.9	330.6	34.9	17.1	-30.4	327.0	329.9	99.9	999.9	30.9	134.
42.6	93.3	10646.6	250.0	-51.7	-99.9	324.5	38.1	20.9	-29.4	329.2	329.9	99.9	999.9	36.5	136.
43.1	103.2	11325.1	225.0	-56.0	-99.9	322.2	36.9	22.6	-29.2	332.7	329.9	99.9	999.9	42.0	137.
46.2	108.4	12068.3	200.0	-57.8	-99.9	322.3	38.4	17.8	-34.0	341.3	329.9	99.9	999.9	49.0	138.
49.9	114.0	12903.6	175.0	-54.1	-99.9	334.4	26.3	11.4	-23.8	344.2	329.9	99.9	999.9	54.2	140.
52.1	120.3	13839.7	150.0	-66.7	-99.9	339.7	26.8	20.6	-17.1	355.3	329.9	99.9	999.9	58.4	148.
56.4	127.0	14956.0	125.0	-62.0	-99.9	331.5	23.4	20.6	-12.2	362.2	329.9	99.9	999.9	65.1	138.
61.5	134.7	16339.5	100.0	-62.4	-99.9	287.0	11.9	11.4	-3.5	407.1	329.9	99.9	999.9	69.4	137.
67.7	143.0	18124.6	75.0	-62.7	-99.9	277.5	5.6	5.6	-0.7	441.4	329.9	99.9	999.9	72.1	136.
76.6	152.7	20644.8	50.0	-58.8	-99.9	165.7	4.1	-1.0	4.0	505.0	329.9	99.9	999.9	71.6	134.
90.0	162.7	25167.0	25.0	-50.2	-99.9	86.8	5.7	-9.7	-0.5	648.5	329.9	99.9	999.9	60.1	136.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

26 APRIL 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DEG K	E POT. T DEG K	WIND GMS/KS	RM PCT	RANGE KM	AZ DEG
0.0	5.5	5.0	1007.3	20.0	18.8	240.0	2.1	1.8	1.0	292.4	327.9	13.8	93.0	0.0	0.
0.3	6.2	68.2	1000.0	20.0	18.2	599.9	99.9	99.9	99.9	294.1	328.5	13.3	94.5	999.0	999.
1.1	8.5	287.4	575.0	19.1	16.8	999.9	99.9	99.9	99.9	294.4	328.8	12.4	94.3	999.0	999.
2.0	10.9	510.7	550.0	17.4	16.3	999.9	99.9	99.9	99.9	294.9	327.2	12.4	93.0	0.0	0.
2.8	13.4	739.0	925.0	18.2	-9.3	228.8	8.8	4.9	4.4	297.4	304.0	2.1	14.6	1.2	62.
3.7	15.8	972.8	900.0	17.5	-16.3	219.5	7.2	3.7	6.2	299.8	303.1	1.2	8.5	1.6	54.
4.7	18.3	1212.5	875.0	16.3	-17.4	228.2	6.8	5.0	4.5	300.2	305.0	1.6	12.5	2.0	58.
5.5	20.7	1459.2	850.0	18.2	-28.8	240.4	8.1	8.8	1.4	305.2	305.8	0.2	1.0	2.3	53.
6.4	23.1	1713.3	825.0	16.5	-39.8	269.8	10.5	10.5	0.9	306.1	306.8	0.1	1.0	2.7	59.
7.4	25.7	1974.3	800.0	15.7	-40.3	273.4	11.8	11.7	-0.7	307.6	308.4	0.1	1.0	3.2	65.
8.3	28.3	2242.2	775.0	14.0	-10.7	278.3	10.5	10.4	-1.5	308.9	315.5	2.2	17.8	3.0	70.
9.3	30.9	2517.1	750.0	11.6	-4.2	279.3	9.9	9.8	-1.6	309.2	320.2	3.7	32.7	4.4	74.
12.4	33.6	2755.5	725.0	9.9	-14.2	286.6	9.1	8.7	-2.6	310.3	318.0	2.6	24.0	4.9	77.
11.4	36.3	3089.5	700.0	7.6	-22.0	287.0	11.4	10.9	-3.3	310.6	314.0	0.9	18.1	5.5	81.
12.4	39.1	3387.3	675.0	5.2	-24.9	288.8	13.4	12.8	-3.9	311.2	313.9	0.8	9.2	6.2	84.
13.6	41.9	3693.3	650.0	2.4	-29.6	289.5	15.2	14.3	-5.1	311.6	313.3	0.5	7.3	7.0	87.
14.7	44.7	4008.9	625.0	-0.2	-33.1	290.3	15.1	13.8	-6.2	312.3	313.6	0.4	6.4	8.0	90.
15.8	47.6	4333.6	600.0	-2.9	-43.5	291.0	13.5	12.3	-5.5	312.8	313.3	0.1	2.6	8.9	93.
17.1	50.6	4668.8	575.0	-5.7	-30.9	294.0	12.4	11.6	-4.4	313.3	315.0	0.5	11.9	9.8	95.
18.3	53.6	5015.6	550.0	-8.0	-24.7	294.7	12.8	11.6	-5.3	314.8	317.6	0.9	24.6	10.8	96.
19.7	56.8	5376.0	525.0	-10.0	-28.1	300.0	13.9	12.0	-6.9	316.4	319.6	0.7	21.0	11.7	98.
20.9	59.9	5750.2	500.0	-12.9	-32.6	305.6	16.7	13.6	-9.7	317.3	319.0	0.5	17.3	12.8	100.
22.4	63.1	6138.8	475.0	-14.7	-37.9	311.3	15.4	11.6	-10.2	319.2	319.9	0.0	1.2	15.0	103.
23.8	66.5	6546.6	450.0	-17.7	-61.1	309.5	17.9	13.8	-11.4	321.0	321.1	0.0	1.0	15.2	105.
25.3	70.0	6971.5	425.0	-21.3	-63.5	307.9	18.2	14.3	-11.2	321.7	321.7	0.0	1.0	16.7	108.
26.9	73.6	7415.4	400.0	-24.9	-65.8	304.8	20.7	17.0	-15.7	323.7	323.8	0.0	1.0	20.7	111.
28.6	77.3	7881.0	375.0	-28.6	-68.3	312.3	23.3	17.2	-15.7	323.7	322.7	0.0	1.0	18.5	109.
30.4	81.1	8378.7	350.0	-32.9	-56.9	319.1	21.8	13.7	-15.8	324.4	324.6	0.0	7.0	22.9	114.
32.1	85.2	8887.2	325.0	-37.4	-55.7	327.2	21.0	11.4	-17.7	325.2	325.4	0.1	12.7	24.7	116.
34.2	89.3	9434.6	300.0	-41.9	99.9	335.7	26.0	10.7	-23.7	326.4	326.4	99.9	99.9	27.1	120.
36.3	93.7	10018.6	275.0	-46.2	99.9	335.6	30.6	12.6	-27.8	328.3	328.3	99.9	99.9	30.1	124.
38.7	99.3	10645.8	250.0	-50.8	99.9	325.0	35.3	19.8	-29.2	330.6	329.9	99.9	99.9	34.4	128.
41.1	103.2	11324.1	225.0	-55.9	99.9	316.0	40.8	28.3	-29.3	332.5	329.9	99.9	99.9	39.8	129.
43.8	109.6	12065.9	200.0	-59.7	99.9	322.5	42.9	26.2	-34.0	338.2	329.9	99.9	99.9	46.7	130.
46.5	114.5	12856.2	175.0	-63.6	99.9	326.1	26.4	14.7	-21.9	344.6	329.9	99.9	99.9	52.1	132.
49.6	120.8	13830.7	150.0	-67.7	99.9	307.1	28.2	22.5	-17.0	353.5	329.9	99.9	99.9	54.6	132.
53.6	127.8	14941.8	125.0	-63.0	99.9	298.8	25.4	22.3	-12.2	358.9	329.9	99.9	99.9	63.5	132.
58.2	135.7	16323.8	100.0	-63.4	99.9	291.4	17.0	15.8	-6.2	405.3	329.9	99.9	99.9	64.5	131.
64.2	145.0	18101.4	75.0	-62.1	99.9	267.0	8.4	8.4	0.4	442.7	329.9	99.9	99.9	71.7	128.
72.4	155.0	20612.5	50.0	-58.8	99.9	293.9	6.0	5.8	-2.4	504.5	329.9	99.9	99.9	74.5	127.
85.9	165.3	25076.2	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	642.4	329.9	99.9	99.9	71.8	129.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
26 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	5.0	5.0	1006.9	18.9	17.4	250.0	2.1	2.0	0.7	291.5	323.7	12.5	91.0	0.0	0.
3.3	6.6	64.5	1000.0	19.5	18.2	249.2	6.5	6.1	2.3	292.7	323.9	13.3	92.0	0.1	47.
1.0	8.9	283.1	575.0	12.9	17.6	252.8	9.8	8.6	2.7	298.2	328.2	13.2	92.4	0.4	71.
1.9	11.2	506.8	950.0	15.3	8.8	270.6	8.3	8.3	-0.1	296.8	317.1	7.5	50.5	0.9	76.
2.7	13.6	736.4	525.0	16.1	11.3	281.1	7.7	7.6	-1.5	297.5	322.4	9.2	64.3	1.3	83.
3.7	16.0	970.4	900.0	15.7	10.8	286.5	7.9	7.6	-2.2	297.7	322.2	9.1	72.8	1.7	88.
4.6	18.4	1210.4	875.0	17.1	-3.5	304.3	9.3	7.6	-5.2	301.6	311.4	3.4	29.3	2.1	93.
5.5	20.9	1457.2	850.0	15.8	6.0	325.2	10.5	6.0	-8.6	302.7	324.7	8.0	60.0	2.6	102.
5.6	23.4	1710.6	825.0	14.4	6.6	326.6	10.5	5.8	-8.8	303.6	327.5	8.6	68.9	3.1	111.
7.7	26.0	1970.1	800.0	12.4	10.7	313.9	11.1	8.0	-7.7	304.4	332.4	10.2	89.7	3.7	117.
9.7	29.6	2236.6	775.0	11.2	7.7	302.5	13.4	11.3	-7.2	305.9	329.7	8.5	78.8	4.4	118.
11.7	31.2	2510.6	750.0	10.0	7.2	301.9	14.5	12.3	-7.7	307.4	321.4	8.6	83.0	5.3	119.
13.9	33.9	2791.8	725.0	8.2	-2.7	306.1	14.5	11.7	-8.5	308.4	321.1	4.3	46.1	6.1	119.
15.5	35.6	3081.2	700.0	7.7	-21.1	307.9	11.7	9.2	-7.2	311.0	314.3	1.0	10.9	6.9	120.
17.4	37.3	3376.2	675.0	5.4	-21.1	308.0	11.1	8.8	-6.8	311.7	313.0	1.0	12.6	7.6	121.
19.0	39.3	3695.6	650.0	2.7	-19.3	299.9	10.4	9.0	-5.2	312.0	316.1	1.3	18.0	8.4	121.
20.7	41.1	4001.5	625.0	0.6	-22.5	293.5	10.1	9.3	-4.0	313.2	316.5	1.0	15.7	9.0	121.
22.4	43.0	4326.9	603.0	-2.4	-24.7	294.5	10.8	9.8	-4.5	313.4	316.2	0.9	16.0	9.6	120.
24.3	45.0	4662.9	575.0	-5.1	-24.8	292.5	11.7	10.8	-4.5	314.0	316.9	0.9	19.6	10.6	120.
26.3	47.4	5011.1	550.0	-7.0	-24.9	290.4	14.2	13.3	-5.0	315.2	318.9	0.9	22.2	11.6	119.
28.3	49.3	5371.7	525.0	-9.9	-29.0	293.2	14.7	13.6	-5.0	316.4	318.8	0.7	19.1	12.7	119.
30.3	51.3	5746.4	500.0	-12.6	-22.7	296.2	17.5	15.7	-7.7	317.4	321.7	1.2	42.5	14.0	118.
32.3	53.3	6132.7	475.0	-15.3	-25.8	294.8	19.7	17.9	-8.3	319.6	322.3	1.0	40.3	15.6	118.
34.3	55.3	6543.0	450.0	-16.7	-44.1	297.6	19.2	17.0	-8.9	322.2	322.8	0.2	7.2	17.4	118.
36.3	57.3	6965.8	425.0	-15.5	-62.3	301.5	15.8	13.5	-8.3	324.0	324.1	0.0	1.0	19.0	118.
38.3	59.3	7417.2	400.0	-23.0	-64.6	306.9	16.9	13.5	-10.2	325.1	325.1	0.0	1.0	20.7	118.
40.3	61.3	7886.6	375.0	-26.8	-63.2	305.6	20.1	16.4	-11.7	326.1	326.3	0.0	2.4	22.7	119.
42.3	63.3	8380.1	350.0	-30.9	-69.7	304.3	20.3	16.7	-11.4	327.1	327.2	0.0	1.0	25.1	120.
44.3	65.3	8901.0	325.0	-35.8	-63.1	306.7	18.4	16.7	-11.0	327.2	327.4	0.0	4.1	27.4	120.
46.3	67.3	9451.3	300.0	-40.9	99.9	304.4	19.8	16.3	-11.2	327.7	327.7	99.9	99.9	29.8	121.
48.3	69.3	10036.3	275.0	-45.7	99.9	303.5	24.6	20.5	-13.6	329.1	329.1	99.9	99.9	32.4	121.
50.3	71.3	10663.9	250.0	-50.7	99.9	299.7	22.3	28.0	-16.0	330.7	330.7	99.9	99.9	36.6	121.
52.3	73.3	11342.6	225.0	-55.6	99.9	309.9	38.4	29.4	-24.6	333.2	333.2	99.9	99.9	42.1	121.
54.3	75.3	12084.8	200.0	-60.7	99.9	316.5	45.1	31.0	-32.7	336.8	336.8	99.9	99.9	44.1	123.
56.3	77.3	12914.7	175.0	-62.5	99.9	321.3	28.9	18.1	-25.5	346.7	346.7	99.9	99.9	56.2	125.
58.3	79.3	13854.2	150.0	-67.3	99.9	304.5	27.9	23.0	-15.8	354.2	354.2	99.9	99.9	60.2	126.
60.3	81.3	14524.6	125.0	-64.8	99.9	299.3	25.7	25.9	-14.5	377.4	377.4	99.9	99.9	69.2	125.
62.3	83.3	15322.5	100.0	-61.1	99.9	295.2	19.0	17.2	-8.1	409.6	409.6	99.9	99.9	76.0	125.
64.3	85.3	16105.4	75.0	-62.5	99.9	290.4	9.9	9.3	-3.4	441.2	441.2	99.9	99.9	80.2	124.
66.3	87.3	18105.4	50.0	-57.8	99.9	99.9	99.9	99.9	99.9	507.2	507.2	99.9	99.9	83.6	124.
68.3	89.3	20831.3	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 28 APRIL 1979
 1100 GMT

TIME MIN	CHTC	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	7.2	124.0	994.5	15.6	14.6	160.0	2.6	-0.9	2.4	289.2	316.4	10.6	94.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.0	296.3	975.0	20.4	12.6	215.0	6.9	3.7	5.3	295.7	320.7	9.4	60.8	0.3	25.
1.5	11.4	518.9	950.0	19.9	12.0	204.5	6.7	2.8	6.1	297.4	322.4	9.4	60.7	0.7	29.
2.4	13.7	788.5	925.0	18.0	10.8	198.9	7.0	2.3	6.6	297.7	321.4	8.6	62.9	1.0	28.
3.2	16.1	982.2	900.0	15.5	9.1	199.8	6.5	2.2	6.1	297.8	319.4	8.1	65.6	1.3	26.
4.2	18.5	1221.2	875.0	14.0	9.7	200.7	6.5	2.3	6.1	298.3	321.7	8.7	75.4	1.7	23.
5.1	20.9	1465.1	850.0	11.8	7.6	203.6	5.4	2.2	4.9	298.6	319.6	7.8	75.8	2.1	23.
6.1	23.4	1715.6	825.0	14.5	-23.5	276.8	2.4	2.4	-0.0	304.8	307.5	1.2	8.9	2.2	28.
7.1	25.9	1975.4	800.0	13.7	-4.5	292.6	2.6	2.4	-1.0	305.8	315.8	3.4	27.8	2.2	28.
8.0	28.5	2242.1	775.0	11.7	-1.4	314.5	3.2	2.3	-2.3	306.4	319.4	4.5	40.5	2.2	31.
8.9	31.1	2518.4	750.0	10.0	-1.4	332.9	4.3	2.0	-3.9	307.4	320.7	4.6	44.9	2.1	37.
9.7	33.7	2756.7	725.0	8.1	-3.6	332.8	5.7	2.6	-5.0	308.4	320.3	4.1	43.5	2.0	43.
10.9	36.3	3085.1	700.0	5.7	-4.1	330.9	7.5	3.6	-7.0	308.8	320.6	4.0	49.2	1.9	55.
12.0	39.1	3391.2	675.0	3.3	-7.3	329.1	8.1	4.2	-7.0	309.3	319.1	3.3	45.9	2.0	71.
13.3	41.9	3684.0	650.0	0.5	-10.5	323.2	8.7	5.2	-7.0	309.6	317.5	2.6	43.2	2.2	86.
14.4	44.7	3959.5	625.0	-2.0	-11.4	317.4	10.2	6.9	-7.5	310.2	316.0	2.6	48.6	2.6	97.
15.5	47.6	4222.8	600.0	-4.4	-13.4	318.4	11.7	7.8	-8.8	311.0	318.0	2.3	49.4	3.2	106.
16.7	50.6	4657.5	575.0	-5.3	-23.2	323.5	11.4	6.8	-9.1	313.8	317.1	1.0	22.9	4.0	113.
18.0	53.6	5005.1	550.0	-7.7	-30.0	330.0	9.8	4.9	-8.5	315.0	316.9	0.6	14.6	4.7	119.
19.2	56.6	5368.8	525.0	-10.6	-38.3	331.1	9.6	4.6	-8.4	315.7	316.7	0.3	8.2	5.3	121.
21.4	59.8	5738.4	500.0	-13.3	-42.9	328.5	8.4	4.4	-7.2	316.8	317.4	0.2	6.1	5.9	126.
21.8	61.0	6128.1	475.0	-16.9	-40.9	317.7	7.1	4.7	-5.2	317.8	317.8	0.2	10.4	6.4	127.
23.3	66.4	6529.9	450.0	-19.9	-45.6	310.7	7.5	5.7	-4.9	318.2	318.8	0.1	6.8	7.0	128.
25.9	69.3	6951.2	425.0	-23.2	-48.4	316.1	10.3	7.2	-7.4	319.2	319.6	0.1	7.8	7.8	128.
26.4	71.3	7391.4	400.0	-27.3	-46.9	315.7	13.4	9.4	-9.6	319.2	320.3	0.2	23.4	9.0	130.
27.3	77.0	7852.6	375.0	-30.4	-46.4	313.6	13.7	9.9	-9.4	321.3	321.9	0.2	19.1	10.2	130.
28.3	80.7	8341.7	350.0	-33.4	-52.2	315.1	12.7	9.0	-9.0	323.7	324.1	0.1	13.0	11.3	131.
30.9	84.7	8851.9	325.0	-38.0	-55.6	313.4	13.5	9.8	-9.3	324.3	324.5	0.1	13.7	12.6	131.
32.6	89.8	9402.1	300.0	-42.2	-59.9	309.6	13.2	10.2	-8.4	324.5	324.5	99.9	99.9	13.9	131.
34.7	93.2	9981.2	275.0	-48.6	-59.9	306.4	13.9	11.2	-8.3	324.8	324.8	99.9	99.9	15.6	131.
37.1	97.8	10600.6	250.0	-52.9	-59.9	307.9	13.8	10.9	-8.5	326.0	326.0	99.9	99.9	17.7	130.
39.9	102.8	11267.3	225.0	-59.9	-59.9	295.9	12.1	10.9	-5.2	326.7	326.7	99.9	99.9	19.9	130.
42.6	108.0	11993.0	200.0	-65.5	-59.9	281.6	16.4	16.1	-3.3	329.1	329.1	99.9	99.9	21.8	127.
45.6	113.8	12818.4	175.0	-62.2	-59.9	289.2	14.5	13.6	-4.8	347.3	347.3	99.9	99.9	24.6	124.
49.2	120.0	13757.8	150.0	-63.9	-59.9	290.5	13.8	12.9	-4.8	360.8	360.8	99.9	99.9	27.5	124.
53.1	127.3	14882.9	125.0	-62.0	-59.9	278.4	14.0	11.8	-1.3	382.8	382.8	99.9	99.9	30.1	121.
57.4	135.0	16270.3	100.0	-62.4	-59.9	257.7	12.1	11.8	2.6	407.2	407.2	99.9	99.9	33.1	118.
61.3	144.0	18052.7	75.0	-68.4	-59.9	250.1	9.1	8.5	3.1	446.4	446.4	99.9	99.9	38.5	114.
71.0	154.0	20568.9	50.0	-59.5	-59.9	343.7	5.8	1.4	-8.6	803.3	803.3	99.9	99.9	38.4	111.
83.6	164.5	25035.8	25.0	-48.3	-59.9	116.7	2.0	-1.8	0.9	646.1	646.1	99.9	99.9	36.3	114.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS
25 APRIL 1979
1400 GMT

TIME M:M	CNTCT	WEIGHT GFM	PRES MB	TEMP DE C	OEN PT DE C	OLR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DE K	E POT Y DE K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DE
0.0	7.1	124.0	996.0	19.4	15.1	250.0	4.1	3.9	1.4	292.9	321.2	10.9	76.0	0.0	0
53.9	99.9	1000.0	99.9	99.9	99.9	99.9	59.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.0	308.0	975.0	19.9	13.8	250.3	11.6	10.9	3.9	295.2	322.1	10.2	68.0	0.2	77
1.5	11.7	533.0	950.0	20.5	11.1	243.0	7.6	7.0	3.6	298.0	321.7	8.8	54.9	0.8	70
2.4	14.1	762.9	925.0	18.7	10.6	238.3	7.2	6.1	3.8	298.4	321.9	6.7	59.3	1.2	67
3.2	16.6	957.3	900.0	16.1	9.9	232.8	6.6	5.2	4.0	298.2	321.2	8.5	66.3	1.5	64
4.2	19.2	1234.3	875.0	14.0	9.5	232.7	6.2	5.0	3.6	298.3	321.5	8.6	74.7	1.8	62
5.1	21.7	1480.4	850.0	11.9	9.3	230.6	5.2	4.4	2.9	298.2	322.0	8.7	84.1	2.2	61
6.1	24.3	1730.8	825.0	12.8	-6.0	265.7	4.9	4.9	0.3	302.1	312.3	3.5	31.6	2.5	61
7.2	26.9	1985.1	800.0	13.4	-24.8	285.3	4.1	3.9	-1.1	305.4	307.5	0.6	5.3	2.7	68
8.1	29.6	2255.6	775.0	11.9	-3.8	308.2	2.2	2.2	-1.3	306.8	317.5	3.7	33.2	2.8	68
9.1	32.2	2528.8	750.0	9.6	-2.6	312.8	1.8	1.3	-1.2	307.0	319.3	4.2	42.2	2.9	70
10.2	35.0	2805.4	725.0	7.9	-1.2	337.4	2.8	1.1	-2.6	308.1	322.2	4.8	52.3	3.0	73
11.3	37.8	3057.9	700.0	5.5	-3.4	330.2	4.2	2.4	-4.1	308.6	321.0	4.3	52.7	3.0	77
12.4	40.6	3356.4	675.0	3.6	-5.0	332.8	6.8	3.1	-6.1	309.8	321.2	3.9	53.4	3.1	86
13.7	43.4	3655.8	650.0	1.5	-9.9	334.5	8.3	3.6	-7.5	310.2	319.1	2.8	42.4	3.3	94
14.8	46.4	4016.4	625.0	-0.9	-14.4	330.5	10.1	5.0	-8.8	311.4	317.6	2.0	35.0	3.7	102
16.0	49.3	4338.9	600.0	-3.3	-16.8	328.5	12.4	6.5	-10.6	312.4	317.7	1.7	34.1	4.3	110
17.3	52.4	4673.8	575.0	-6.1	-20.0	325.1	12.1	7.4	-9.5	312.5	317.2	1.4	32.2	5.1	117
18.6	55.4	5028.4	550.0	-8.3	-24.3	316.1	10.2	6.8	-7.6	314.2	317.4	1.0	26.1	5.9	120
19.9	58.6	5379.9	525.0	-10.5	-28.7	308.4	9.4	7.6	-5.6	315.2	316.1	0.7	21.0	6.7	122
21.4	61.9	5754.2	500.0	-12.2	-34.3	283.8	7.3	7.1	-1.7	318.2	319.6	0.4	13.8	7.4	121
22.9	65.1	6143.8	475.0	-15.6	-35.4	280.6	7.7	7.3	-2.5	318.7	320.1	0.4	16.3	8.0	119
24.4	68.6	6545.4	450.0	-18.5	-35.3	303.0	5.2	7.7	-5.0	320.0	321.4	0.4	21.3	8.6	119
25.9	72.0	6972.6	425.0	-22.2	-32.8	305.3	10.6	8.7	-6.2	320.4	322.5	0.6	37.3	9.6	120
27.3	75.7	7415.6	400.0	-25.8	-30.4	300.3	12.1	10.5	-6.1	321.5	324.1	0.8	65.2	10.6	120
29.0	79.4	7880.6	375.0	-28.6	-40.1	292.8	8.8	9.1	-3.8	323.7	324.8	0.3	32.1	11.8	120
30.9	83.3	8370.4	350.0	-33.0	-44.3	289.0	8.1	7.7	-2.6	324.2	325.1	0.2	30.7	12.7	119
32.9	87.4	8866.7	325.0	-37.6	-47.7	287.3	5.6	9.1	-2.8	324.9	325.5	0.2	33.4	13.7	118
35.0	91.7	9433.4	300.0	-42.5	99.9	290.3	12.1	11.4	-4.2	325.5	999.9	99.9	999.9	15.1	117
37.2	96.2	10015.0	275.0	-47.5	99.9	302.7	10.6	9.1	-5.9	326.5	999.9	99.9	999.9	16.6	117
39.3	100.8	10638.1	250.0	-52.4	99.9	322.7	12.3	7.4	-9.7	328.1	999.9	99.9	999.9	18.0	118
41.7	105.8	11309.2	225.0	-58.9	99.9	315.6	9.8	6.9	-7.0	328.2	999.9	99.9	999.9	19.5	121
44.4	111.3	12039.0	200.0	-62.7	99.9	292.7	14.8	13.6	-5.7	333.6	999.9	99.9	999.9	21.2	120
47.3	117.2	12866.2	175.0	-62.1	99.9	308.8	15.7	12.2	-9.8	347.4	999.9	99.9	999.9	23.9	121
50.5	123.5	13818.5	150.0	-63.1	99.9	298.7	15.4	13.5	-7.4	361.4	999.9	99.9	999.9	27.2	122
54.3	130.7	14940.6	125.0	-61.7	99.9	277.3	13.4	13.3	-1.7	383.2	999.9	99.9	999.9	30.0	120
59.0	138.7	16326.0	100.0	-61.7	99.9	259.8	9.6	9.4	1.7	408.9	999.9	99.9	999.9	32.5	118
64.7	148.0	18111.1	75.0	-56.3	99.9	250.8	9.5	9.2	2.2	450.7	999.9	99.9	999.9	35.2	113
72.2	158.5	20647.6	50.0	-58.5	99.9	324.9	5.1	2.9	-4.2	505.2	999.9	99.9	999.9	37.3	114
83.9	169.5	25123.8	25.0	-46.2	99.9	94.9	4.0	-4.8	0.3	643.3	999.9	99.9	999.9	34.8	115

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

25 APRIL 1979
1700 GMT

165 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG M	E POT 7 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	124.0	595.0	25.0	14.8	220.0	4.1	2.6	3.1	298.6	327.1	10.7	53.0	0.0	0.
5.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.1	302.3	575.0	22.8	14.3	205.3	11.2	4.0	10.1	299.1	327.4	10.6	55.1	0.4	25.
2.3	11.5	521.7	550.0	21.2	13.0	208.0	7.4	3.5	6.5	298.7	325.4	10.0	59.4	1.2	26.
3.4	13.9	756.9	925.0	18.9	12.0	206.8	7.0	3.2	6.3	298.6	324.4	9.6	67.4	1.7	26.
4.7	15.4	993.7	900.0	16.6	12.7	213.9	7.5	4.4	6.5	298.7	326.3	10.3	77.6	2.3	27.
5.7	19.8	1233.4	875.0	14.5	11.2	209.4	7.9	3.9	6.9	298.6	324.7	9.6	80.8	2.7	28.
6.7	21.3	1479.0	850.0	15.9	-5.8	199.1	6.2	2.0	5.9	302.8	312.8	3.4	26.3	3.2	28.
7.5	23.9	1733.0	825.0	16.6	-4.8	203.2	4.2	1.6	3.8	306.2	315.8	3.3	22.9	3.6	27.
8.6	26.4	1998.7	800.0	15.9	-1.4	228.0	2.3	1.7	1.5	308.1	320.0	4.3	30.6	3.6	27.
9.5	29.0	2262.9	775.0	12.1	-1.6	245.5	2.5	2.6	1.2	308.2	321.0	4.4	35.4	3.7	28.
10.4	31.6	2537.9	750.0	11.3	-2.0	281.7	3.9	3.8	-0.8	308.8	321.7	4.4	39.3	3.8	31.
11.6	34.2	2819.9	725.0	9.0	-2.9	305.3	5.7	4.7	-3.3	309.2	321.9	4.3	43.1	3.9	35.
12.9	36.9	3108.7	700.0	7.8	-4.0	311.6	9.1	6.8	-6.1	311.1	323.2	4.1	43.0	3.8	43.
13.8	39.8	3408.5	675.0	5.3	-4.6	310.3	11.2	8.5	-7.2	311.4	323.6	4.0	48.7	3.9	52.
14.9	42.4	3719.9	650.0	2.7	-5.0	309.6	12.5	9.6	-7.9	312.1	324.1	4.1	56.5	4.2	63.
15.1	43.3	4031.9	625.0	-0.2	-6.3	316.7	14.0	9.6	-10.2	312.2	323.7	3.8	63.5	4.6	74.
17.3	48.3	4357.2	400.0	-3.9	-10.0	318.3	14.6	9.7	-10.9	312.7	321.8	3.0	59.0	5.1	85.
12.6	51.2	4653.1	575.0	-5.5	-10.8	317.3	14.2	6.6	-10.4	313.2	322.5	2.9	66.6	5.9	94.
21.0	54.3	5048.4	550.0	-8.5	-11.9	313.7	14.3	10.3	-9.9	314.0	322.6	2.8	76.7	6.8	100.
21.4	57.4	5359.6	525.0	-11.4	-15.2	316.0	14.5	10.1	-10.4	314.7	321.7	2.2	73.4	7.8	105.
21.9	62.5	5772.7	500.0	-13.4	-24.4	316.6	13.3	9.1	-9.7	316.7	320.2	1.1	39.5	8.9	109.
22.3	63.9	6161.3	475.0	-15.7	-24.3	310.5	12.3	9.4	-8.0	318.2	322.2	1.1	47.6	9.9	112.
27.7	67.1	6566.8	450.0	-18.8	-28.8	301.6	12.6	10.8	-6.6	319.7	322.3	0.8	40.7	10.9	113.
27.3	70.6	5990.4	425.0	-21.6	-34.5	296.8	12.3	11.0	-5.6	321.2	322.9	0.5	22.9	12.1	114.
27.9	74.1	7436.5	400.0	-24.5	-39.9	299.9	13.0	11.0	-6.8	323.1	324.2	0.3	22.4	13.3	114.
31.5	77.3	7901.0	375.0	-22.6	-46.1	306.2	13.8	11.1	-8.1	323.8	324.4	0.2	16.6	14.6	115.
32.2	81.7	8391.8	350.0	-22.3	-52.1	306.3	14.8	11.9	-8.7	325.2	325.5	0.1	11.7	16.0	116.
31.9	85.7	8908.5	325.0	-36.9	-57.2	307.6	14.6	11.6	-8.9	325.5	326.1	0.0	9.9	17.6	117.
37.7	87.8	9457.8	300.0	-41.9	-59.9	305.7	13.5	10.9	-7.9	326.2	329.9	99.9	99.9	19.1	118.
37.7	94.2	10048.9	275.0	-47.2	-69.9	303.2	12.6	10.5	-6.9	326.5	329.9	99.9	99.9	20.5	118.
37.6	98.8	10664.3	250.0	-52.3	-69.9	299.3	13.4	11.7	-6.5	328.2	329.9	99.9	99.9	22.2	119.
47.0	107.5	11336.6	225.0	-56.5	-69.9	292.0	14.5	13.4	-5.4	328.5	329.9	99.9	99.9	24.0	119.
47.5	109.8	12058.9	200.0	-61.8	-69.9	293.0	20.4	18.8	-8.0	335.0	329.9	99.9	99.9	26.6	117.
47.4	114.6	12938.3	175.0	-62.4	-69.9	308.1	17.5	13.8	-10.8	337.1	329.9	99.9	99.9	28.0	118.
52.5	121.0	13851.1	150.0	-60.7	-69.9	294.8	13.6	12.4	-5.7	335.5	329.9	99.9	99.9	32.9	119.
54.2	127.5	14796.6	125.0	-60.6	-69.9	275.8	13.8	13.8	-1.4	335.0	329.9	99.9	99.9	35.6	117.
59.4	135.7	16372.4	100.0	-60.1	-69.9	257.1	11.5	11.2	2.6	411.7	329.9	99.9	99.9	38.0	115.
64.2	145.0	18176.9	75.0	-57.2	-69.9	265.8	7.5	7.5	0.6	452.4	329.9	99.9	99.9	41.5	112.
71.8	155.3	20719.2	50.0	-56.2	-69.9	242.2	3.4	3.0	1.6	506.6	329.9	99.9	99.9	41.9	113.
82.3	166.0	25211.2	25.0	-62.6	-69.9	99.9	99.9	99.9	99.9	644.5	329.9	99.9	99.9	40.5	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME AVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

25 APRIL 1979
2000 GMT

TIME MIN	CHCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	WIND M/SEC	150	130	0
3-0	7-5	124-0	993-0	25-6	20-2	220-0	5-1	3-3	3-9	299-4	339-4	15-2	72-0	0-0	0-0	0-0
94-9	99-9	99-9	1000-0	95-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-5	9-0	204-7	975-0	24-6	5-7	210-6	4-9	2-5	4-2	299-5	316-3	5-9	29-5	0-2	44-	44-
1-3	11-2	511-0	950-0	22-7	11-8	204-6	4-5	2-9	5-8	300-2	325-2	9-2	50-2	0-5	37-	37-
2-2	13-3	743-5	925-0	20-0	11-2	198-8	6-6	2-1	6-3	300-5	325-2	9-1	54-2	0-8	30-	30-
3-3	15-5	979-7	900-0	18-4	10-3	200-0	6-1	2-1	8-7	300-4	324-4	8-8	59-4	1-2	26-	26-
4-4	17-7	1220-7	875-0	16-3	9-5	202-6	6-0	2-3	5-5	300-7	324-0	8-6	63-0	1-6	24-	24-
5-3	20-0	1446-7	850-0	14-2	6-0	216-9	6-5	2-9	5-2	301-6	317-0	6-0	50-4	2-0	25-	25-
6-2	22-2	1720-0	825-0	17-0	-20-3	230-9	6-1	4-7	3-8	306-6	309-8	1-0	7-1	2-3	29-	29-
7-1	24-6	1901-0	800-0	15-4	-11-6	240-5	6-4	5-5	3-1	307-6	314-1	1-0	15-7	2-6	32-	32-
8-0	27-0	2242-9	775-0	13-6	-2-9	240-6	7-2	6-3	3-6	308-4	320-2	4-0	31-7	2-9	35-	35-
8-9	29-3	2522-7	750-0	11-0	-4-6	253-0	7-2	6-9	2-1	308-5	319-3	3-6	33-2	3-3	39-	39-
9-9	31-7	2803-5	725-0	9-1	-4-3	269-0	7-5	7-5	0-1	309-4	320-8	3-9	38-6	3-6	43-	43-
10-9	34-2	3055-3	700-0	7-2	-3-9	279-8	8-4	9-2	-1-6	310-5	322-6	4-1	45-1	3-0	49-	49-
11-9	36-7	3363-7	675-0	5-0	-2-9	290-5	11-7	11-3	-3-3	311-2	324-0	4-6	56-6	4-4	54-	54-
13-0	39-2	3700-4	650-0	2-2	-1-5	292-0	12-7	11-7	-4-9	311-4	327-0	5-3	76-8	4-9	64-	64-
15-2	41-0	4016-2	625-0	-0-1	-11-0	303-2	12-2	10-2	-6-7	312-2	320-4	2-6	43-6	5-4	71-	71-
15-4	44-5	4341-7	600-0	-2-8	-10-9	307-5	12-1	9-6	-7-4	312-5	321-4	2-4	53-7	6-0	78-	78-
16-6	47-1	4677-1	575-0	-6-2	-11-4	308-6	11-2	8-8	-7-0	312-8	321-3	2-4	65-7	7-1	88-	88-
17-6	49-9	5023-7	550-0	-8-0	-14-0	307-2	11-6	5-3	-7-0	313-7	321-0	2-4	65-7	7-1	88-	88-
19-0	52-0	5322-5	525-0	-11-0	-20-0	312-1	11-6	9-6	-7-6	314-2	319-8	1-5	50-4	7-8	92-	92-
21-5	55-7	5754-9	500-0	-13-7	-24-4	311-9	13-0	9-7	-8-7	316-2	319-8	1-1	39-8	8-5	98-	98-
23-0	58-6	6102-5	475-0	-16-7	-26-8	310-5	13-4	10-2	-8-7	317-2	320-2	0-9	41-8	9-0	100-	100-
24-6	61-6	6546-3	450-0	-15-8	-29-7	306-4	16-0	12-8	-9-5	318-2	320-8	0-7	40-9	10-5	103-	103-
26-3	64-6	6960-0	425-0	-22-9	-30-8	305-9	16-0	13-6	-9-9	319-7	322-0	0-7	48-3	12-0	106-	106-
28-0	67-4	7405-3	400-0	-25-8	-44-7	314-2	13-4	9-6	-9-4	321-2	322-2	0-2	14-9	13-5	109-	109-
30-6	71-4	7874-3	375-0	-29-3	-44-5	317-2	13-5	9-2	-9-9	322-8	323-5	0-2	21-4	16-7	113-	113-
32-8	74-9	8363-0	350-0	-33-4	-41-7	312-6	14-3	10-5	-9-7	323-7	324-7	0-3	42-7	16-1	113-	113-
34-5	78-4	8879-2	325-0	-37-6	-44-3	305-8	15-0	9-7	-4-3	324-5	325-7	0-2	48-9	17-4	115-	115-
36-1	82-2	9426-4	300-0	-42-0	-49-9	293-4	17-6	9-9	-4-3	326-2	326-2	0-9	99-9	20-7	115-	115-
37-5	86-1	10008-6	275-0	-47-3	-49-9	291-4	13-1	12-2	-4-8	326-8	326-8	0-9	99-9	20-1	115-	115-
39-7	90-2	10632-5	250-0	-52-2	-49-9	292-6	17-1	16-2	-5-5	327-6	327-6	0-9	99-9	21-0	114-	114-
41-9	94-6	11303-3	225-0	-59-1	-49-9	288-9	22-9	21-1	-8-7	337-1	337-1	0-9	99-9	26-7	114-	114-
44-7	104-3	12046-1	200-0	-60-4	-49-9	292-4	22-9	15-9	-10-4	350-4	350-4	0-9	99-9	30-6	115-	115-
47-8	109-8	13812-4	150-0	-62-4	-49-9	315-7	22-6	13-5	-10-4	362-7	362-7	0-9	99-9	34-1	117-	117-
51-5	116-0	14946-4	125-0	-60-1	-49-9	300-7	13-0	11-2	-8-6	386-1	386-1	0-9	99-9	37-4	117-	117-
56-0	123-0	16330-2	100-0	-62-3	-49-9	272-3	9-7	9-6	-0-1	407-3	407-3	0-9	99-9	39-7	117-	117-
61-4	131-0	18118-2	75-0	-61-2	-49-9	270-3	9-6	9-6	-0-1	444-6	444-6	0-9	99-9	43-2	118-	118-
68-4	141-0	20649-3	50-0	-58-4	-49-9	278-2	2-3	2-2	-0-3	506-6	506-6	0-9	99-9	44-0	113-	113-
76-6	153-5	25127-6	25-0	-47-4	-49-9	99-9	00-0	99-9	99-9	648-7	648-7	0-9	99-9	43-4	113-	113-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

25 APRIL 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.0	124.0	991.0	26.1	16.9	190.0	4.1	0.7	4.0	300.0	333.0	12.4	57.0	163	17.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	8.5	267.2	975.0	24.2	13.9	195.1	4.0	1.2	4.6	299.5	327.3	10.4	52.8	0.2	3.0
1.2	10.7	494.1	950.0	22.7	13.8	190.2	5.9	1.1	5.8	300.2	328.4	10.5	57.1	0.4	8.0
2.0	13.1	725.8	925.0	20.6	12.8	186.5	6.6	0.8	6.6	300.3	327.6	10.1	61.1	0.8	8.0
2.8	15.5	962.0	900.0	18.1	12.2	187.4	6.6	0.8	6.5	300.2	327.2	10.0	68.3	1.1	7.0
3.7	17.8	1203.4	875.0	19.4	14.0	210.7	6.1	3.1	5.2	304.0	308.7	1.5	9.7	1.4	9.0
4.7	20.3	1452.2	850.0	19.6	10.4	233.2	7.5	6.0	4.5	306.7	310.0	1.1	6.3	1.8	16.0
5.6	22.8	1707.9	825.0	18.1	9.8	253.8	8.0	7.7	2.2	307.7	314.5	2.2	14.1	2.0	25.0
6.5	25.3	1978.0	800.0	16.1	3.2	260.3	8.0	8.7	1.5	308.4	319.5	3.8	26.3	2.3	34.0
7.4	27.8	2238.5	775.0	13.7	2.3	265.2	9.6	9.5	0.9	308.5	320.8	4.2	33.0	2.7	43.0
7.4	30.3	2513.6	750.0	11.4	3.3	266.5	10.8	10.8	0.7	309.8	320.8	4.0	35.6	3.2	50.0
9.5	35.6	3085.9	725.0	9.4	3.6	268.1	11.9	11.9	0.4	309.2	321.8	4.1	39.7	3.6	57.0
10.9	38.3	3384.1	700.0	7.0	1.5	273.9	13.1	13.1	0.9	310.3	324.7	4.9	54.6	4.5	62.0
11.9	41.0	3690.6	675.0	5.0	1.9	284.9	13.6	13.1	3.5	311.2	325.8	5.0	61.4	5.4	70.0
13.0	43.9	4005.7	650.0	2.7	11.9	288.2	13.6	12.9	4.2	312.1	319.3	2.4	33.1	6.1	74.0
14.3	46.8	4330.2	625.0	1.1	15.5	296.9	12.4	11.1	5.6	311.2	316.9	1.6	32.5	6.9	80.0
15.5	49.6	4665.3	600.0	0.0	19.8	302.7	9.8	8.2	5.3	312.4	317.8	1.7	34.1	7.6	84.0
16.6	52.6	5011.6	575.0	0.0	19.9	303.0	8.6	7.4	4.8	313.0	317.4	1.4	32.1	8.1	86.0
17.8	55.8	5370.7	550.0	0.0	19.9	306.2	10.6	8.5	6.3	314.0	316.9	0.9	24.5	8.6	89.0
19.1	58.9	5730.6	525.0	0.0	19.9	310.0	12.2	9.4	7.8	315.4	318.5	0.9	29.8	9.3	93.0
20.4	62.0	6131.1	500.0	0.0	24.3	314.9	11.8	8.4	8.3	316.0	319.4	1.1	41.2	10.1	96.0
21.5	65.4	6536.0	475.0	0.0	27.6	317.4	12.9	8.7	9.5	317.4	320.1	0.8	37.9	10.9	100.0
22.0	68.7	6958.9	450.0	0.0	30.5	315.0	15.8	11.1	11.2	319.5	321.8	0.7	35.0	12.0	104.0
23.3	72.2	7401.9	425.0	0.0	37.7	311.0	14.8	11.1	9.9	320.2	322.0	0.4	23.3	13.4	107.0
24.3	75.9	7868.3	400.0	0.0	40.3	320.2	14.5	9.3	11.1	322.2	323.3	0.3	22.7	14.5	109.0
25.2	79.7	8355.0	375.0	0.0	41.1	325.8	15.2	8.6	12.6	322.2	323.3	0.3	31.7	15.8	112.0
26.7	83.6	8871.0	350.0	0.0	44.6	310.1	16.7	10.6	11.6	323.9	324.7	0.2	33.0	17.1	115.0
27.7	87.7	9416.3	325.0	0.0	49.9	302.0	15.2	12.9	10.8	324.5	325.7	0.2	47.1	18.9	117.0
28.3	92.0	10000.0	300.0	0.0	59.9	299.4	18.0	15.4	8.1	325.5	325.9	99.9	99.9	20.7	118.0
29.9	96.6	10622.1	275.0	0.0	59.9	293.6	20.9	17.3	9.2	326.5	326.9	99.9	99.9	22.7	118.0
31.8	101.6	11291.5	250.0	0.0	59.9	299.4	20.9	18.1	10.2	328.6	328.6	99.9	99.9	25.0	117.0
33.0	106.8	12033.7	225.0	0.0	59.9	320.6	32.3	20.5	25.0	339.4	339.4	99.9	99.9	31.8	119.0
34.8	112.5	12866.5	200.0	0.0	59.9	332.9	26.4	12.0	23.5	348.5	348.5	99.9	99.9	36.7	123.0
36.9	114.8	13813.8	175.0	0.0	59.9	316.6	21.6	14.9	15.7	360.0	360.0	99.9	99.9	40.0	126.0
38.7	126.0	14928.7	150.0	0.0	59.9	292.8	17.1	15.8	6.6	388.5	388.5	99.9	99.9	45.0	125.0
41.1	134.3	16314.6	125.0	0.0	59.9	269.6	10.5	10.5	8.1	406.0	406.0	99.9	99.9	47.4	124.0
43.9	143.5	18101.3	100.0	0.0	59.9	294.3	9.1	8.3	3.8	444.5	444.5	99.9	99.9	50.9	122.0
45.2	154.5	20635.1	75.0	0.0	59.9	330.4	2.4	1.2	2.1	588.6	588.6	99.9	99.9	51.9	122.0
46.6	165.5	25123.7	50.0	0.0	59.9	67.9	3.0	2.8	1.1	644.5	644.5	99.9	99.9	51.7	123.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

26 APRIL 1979
200 GUT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	ON PCT	RANGE KM	AZ DEG
0.0	7.4	124.0	591.8	21.7	14.0	200.0	3.1	1.1	2.9	295.6	222.5	10.2	61.5	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.0	273.7	975.0	24.2	10.9	208.3	8.4	4.0	7.4	299.6	333.0	12.6	63.8	0.3	30.
1.5	11.4	500.0	550.0	22.5	13.8	213.5	9.3	5.1	7.0	300.8	328.3	10.5	57.7	0.7	31.
2.3	13.8	732.1	925.0	20.2	12.0	217.8	8.3	5.1	6.5	300.8	325.8	9.6	59.2	1.2	33.
3.2	16.3	568.2	900.0	18.4	11.3	219.8	7.5	4.8	5.8	300.8	326.0	9.4	63.2	1.6	34.
4.1	18.7	1209.3	875.0	16.5	7.0	221.0	7.5	5.0	5.7	300.8	320.7	7.2	53.3	2.0	34.
5.1	21.2	1455.5	850.0	15.2	2.4	233.6	8.2	6.6	4.8	302.1	317.4	5.4	42.9	2.5	37.
6.1	23.7	1709.2	825.0	14.6	-1.8	247.0	8.4	7.7	3.3	306.3	318.1	4.1	28.4	2.9	44.
7.1	26.2	1970.2	800.0	14.0	-3.2	259.2	9.4	9.2	1.8	307.6	318.1	3.0	28.7	3.4	44.
8.1	28.0	2238.3	775.0	13.7	-0.3	265.7	11.2	11.0	1.8	308.6	322.7	4.0	30.2	3.9	51.
9.1	31.4	2513.6	750.0	11.2	1.8	265.5	10.6	10.6	1.8	308.6	325.9	5.0	52.1	4.5	54.
10.2	34.1	2756.0	725.0	9.9	-5.1	277.5	9.6	9.5	-1.2	310.4	321.1	3.6	34.3	5.1	60.
11.3	36.9	3086.4	700.0	7.6	-14.4	284.5	10.5	10.1	-2.6	310.4	316.5	1.0	19.1	5.5	64.
12.3	39.7	3384.4	675.0	4.0	-14.8	287.9	10.6	10.1	-3.3	311.2	316.8	1.8	22.2	6.0	68.
13.4	42.5	3690.6	650.0	2.1	-15.2	292.1	8.8	8.0	-2.6	311.2	316.9	1.6	26.3	7.0	75.
14.5	45.4	4005.6	625.0	-0.8	-16.9	297.6	8.4	8.0	-2.6	311.2	316.9	1.4	28.1	7.5	77.
15.6	49.3	4330.1	600.0	-3.2	-19.0	281.2	16.4	10.2	-2.8	312.2	317.3	1.2	27.7	8.2	80.
16.8	51.3	4665.4	575.0	-5.7	-21.3	257.1	11.3	10.1	-5.1	313.4	317.8	1.2	34.0	9.8	84.
18.1	54.4	5012.0	550.0	-8.6	-21.6	309.4	9.0	7.6	-6.3	313.8	317.8	1.0	32.1	9.4	87.
19.5	57.5	5371.3	525.0	-10.6	-24.0	300.2	9.5	8.2	-4.8	315.7	319.1	1.1	37.4	10.2	90.
21.0	60.8	5745.2	500.0	-12.8	-31.3	303.1	11.8	9.9	-6.5	317.4	320.9	0.6	23.7	11.2	93.
22.6	64.0	6134.6	475.0	-15.2	-31.3	306.5	11.4	9.1	-6.8	319.1	321.1	0.6	99.9	12.0	96.
24.1	67.4	6548.9	450.0	-18.4	99.9	311.2	11.5	8.7	-7.6	320.1	99.9	99.9	99.9	12.9	99.
25.5	70.9	6964.2	425.0	-22.3	99.9	314.1	15.7	11.3	-11.0	320.2	99.9	99.9	99.9	14.1	103.
26.9	74.4	7407.1	400.0	-25.3	99.9	318.9	20.7	13.6	-15.6	322.1	99.9	99.9	99.9	16.0	108.
28.7	78.1	7872.5	375.0	-28.9	99.9	321.6	20.8	12.9	-16.3	323.2	99.9	99.9	99.9	17.6	112.
30.4	82.0	8361.9	350.0	-33.3	99.9	326.7	17.5	9.1	-15.0	323.6	99.9	99.9	99.9	19.3	116.
32.5	86.0	8877.8	325.0	-38.2	99.9	331.2	19.1	9.2	-16.8	324.1	99.9	99.9	99.9	21.4	120.
34.5	90.2	9422.4	300.0	-43.1	99.9	327.6	22.8	12.2	-19.3	324.7	99.9	99.9	99.9	24.2	123.
36.6	94.7	10003.6	275.0	-47.6	99.9	324.6	25.6	14.9	-20.9	326.3	99.9	99.9	99.9	27.3	125.
38.6	99.4	10625.3	250.0	-53.4	99.9	323.7	29.1	17.2	-23.5	326.6	99.9	99.9	99.9	31.3	128.
40.9	104.4	11257.0	225.0	-56.8	99.9	320.9	31.5	19.9	-24.5	328.8	99.9	99.9	99.9	34.4	129.
43.3	109.8	12038.1	200.0	-60.9	99.9	323.2	41.6	20.9	-23.3	330.3	99.9	99.9	99.9	42.3	132.
45.8	115.5	12864.4	175.0	-63.1	99.9	331.1	31.7	15.3	-27.7	345.5	99.9	99.9	99.9	46.5	135.
48.6	122.0	13809.8	150.0	-63.7	99.9	338.2	23.8	18.4	-6.8	370.2	99.9	99.9	99.9	50.1	132.
51.0	129.0	14918.7	125.0	-64.3	99.9	294.8	16.8	15.4	-5.3	402.3	99.9	99.9	99.9	54.0	131.
53.5	137.3	16254.3	100.0	-64.9	99.9	292.3	13.8	12.8	-0.4	444.9	99.9	99.9	99.9	57.4	129.
56.5	146.7	18079.9	75.0	-81.1	99.9	273.2	6.5	4.4	0.2	510.4	99.9	99.9	99.9	57.7	129.
62.0	157.0	20619.7	50.0	-86.5	99.9	268.8	4.4	4.4	1.3	640.7	99.9	99.9	99.9	58.5	131.
81.2	168.0	25084.1	25.0	-90.1	99.9	182.3	0.2	-0.0							

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

26 APRIL 1979
500 GAT

162 22.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT 3 DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.3	124.0	592.0	19.4	16.0	200.0	3.1	1.1	2.9	293.2	324.9	12.3	85.0	0.0	0.
0.5	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.0	281.7	575.0	22.7	15.5	999.9	99.9	99.9	99.9	298.0	328.4	11.5	54.1	999.9	999.9
1.4	11.3	508.3	950.0	22.0	15.3	999.9	99.9	99.9	99.9	299.2	330.5	11.6	65.6	999.9	999.9
2.2	13.6	735.0	925.0	20.3	16.3	245.0	8.2	7.4	3.4	300.0	334.0	12.0	78.1	1.1	41.
3.0	16.0	974.2	900.0	18.2	16.2	271.3	7.3	7.2	-0.2	300.3	335.1	13.1	88.2	1.4	52.
3.9	14.5	1217.9	875.0	16.5	14.0	291.6	7.3	6.8	-2.7	301.6	338.2	11.6	85.2	1.7	60.
4.8	20.9	1465.2	850.0	15.4	14.5	309.5	9.8	7.5	-0.2	302.7	335.6	12.4	94.6	1.9	72.
5.4	23.4	1718.4	825.0	13.4	12.8	328.8	10.4	5.4	-8.9	302.7	333.6	11.4	94.5	2.3	87.
5.8	25.9	1977.2	800.0	11.3	10.7	320.5	10.2	6.5	-7.9	303.2	330.9	10.2	96.2	2.6	100.
7.7	23.5	2243.0	775.0	12.3	-11.9	289.6	8.7	8.2	-2.9	307.0	313.2	2.0	17.8	3.1	104.
8.5	31.1	2516.7	750.0	10.6	-16.9	277.3	7.8	7.7	-1.0	308.1	312.4	1.4	12.8	3.5	103.
9.6	33.6	2797.9	725.0	8.7	-23.3	285.5	9.1	8.7	-2.6	309.0	311.6	0.8	8.4	4.0	103.
10.7	34.4	3087.0	700.0	7.2	-25.7	293.5	10.5	9.6	-4.2	310.8	312.7	0.7	7.4	4.6	104.
11.7	33.1	3384.6	675.0	4.9	-30.4	297.3	11.3	10.1	-3.2	311.2	312.7	0.4	5.6	5.3	103.
13.0	42.0	3690.4	650.0	2.0	-29.7	303.2	11.3	9.4	-6.2	311.2	312.9	0.5	7.3	6.1	103.
14.1	44.0	4005.5	625.0	-0.1	-30.4	301.5	11.4	9.7	-6.0	312.3	314.0	0.5	8.0	6.9	109.
15.3	47.8	4330.4	600.0	-2.0	-24.0	300.4	10.6	9.3	-5.4	312.7	315.7	0.9	17.9	7.7	110.
16.5	50.7	4665.7	575.0	-5.6	-21.7	298.6	9.4	8.3	-4.5	313.2	317.0	1.2	27.1	8.3	111.
17.7	53.8	5012.3	550.0	-8.4	-22.2	296.6	9.6	8.6	-4.3	314.2	318.0	1.2	31.7	9.0	112.
18.9	56.9	5371.7	525.0	-10.7	-24.4	294.9	10.1	9.1	-4.2	315.6	319.0	1.0	31.4	9.7	112.
20.1	63.0	5745.3	500.0	-13.0	-27.6	289.9	12.9	12.2	-4.4	317.2	319.8	0.8	28.0	10.5	112.
21.3	63.3	6135.0	475.0	-15.0	-29.9	293.0	14.7	13.4	-6.0	319.4	319.8	0.1	3.7	11.6	112.
22.7	66.6	6542.6	450.0	-17.3	-29.9	298.0	13.5	12.1	-5.9	321.6	319.9	99.9	959.9	12.8	112.
24.3	70.0	6967.3	425.0	-21.4	-29.7	297.7	16.6	14.7	-7.7	321.6	319.9	99.9	999.9	14.1	113.
25.9	73.6	7412.0	400.0	-24.3	-29.9	308.0	17.8	14.5	-10.5	323.9	319.9	99.9	999.9	15.8	114.
27.6	77.3	7878.8	375.0	-28.0	-29.9	314.7	17.0	12.7	-12.5	324.2	319.9	99.9	999.9	17.5	115.
29.2	81.0	8368.9	350.0	-32.3	-29.9	321.0	21.4	13.5	-16.7	325.2	319.9	99.9	959.9	19.2	117.
30.9	85.0	8887.1	325.0	-37.2	-29.9	325.2	26.0	14.8	-21.3	325.4	319.9	99.9	999.9	21.4	120.
32.8	89.0	9436.2	300.0	-41.5	-29.9	325.2	31.1	17.7	-25.5	326.8	319.9	99.9	959.9	24.4	124.
34.9	93.3	10019.9	275.0	-46.4	-29.9	325.0	33.8	19.9	-27.4	328.0	319.9	99.9	999.9	28.3	127.
37.2	99.0	10643.6	250.0	-52.7	-29.9	321.5	33.6	20.9	-26.3	327.7	319.9	99.9	999.9	32.9	129.
39.4	102.8	11316.0	225.0	-56.9	-29.9	313.5	35.1	25.4	-24.2	331.4	319.9	99.9	999.9	37.1	130.
41.9	109.2	12052.9	200.0	-61.9	-29.9	312.7	45.0	33.1	-30.4	334.7	319.9	99.9	999.9	43.0	130.
43.8	113.8	12874.7	175.0	-64.0	-29.9	329.8	35.2	17.7	-30.4	344.2	319.9	99.9	999.9	48.2	131.
45.6	120.3	13808.3	150.0	-68.5	-29.9	311.5	25.9	12.7	-16.6	352.2	319.9	99.9	999.9	52.1	132.
50.2	127.3	14918.6	125.0	-64.4	-29.9	305.1	22.7	10.6	-13.0	378.4	319.9	99.9	999.9	57.6	132.
54.4	135.1	16298.5	100.0	-62.9	-29.9	282.6	11.8	11.5	-2.6	406.2	319.9	99.9	999.9	61.6	131.
56.9	144.7	16076.1	75.0	-59.8	-29.9	268.2	5.8	5.8	0.2	447.6	319.9	99.9	999.9	63.8	130.
67.0	155.5	20414.4	50.0	-55.2	-29.9	247.7	3.5	3.2	1.3	503.6	319.9	99.9	999.9	64.1	129.
74.8	165.7	25077.3	25.0	-51.0	-29.9	999.9	99.9	99.9	99.9	630.5	319.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 26 APRIL 1979
 000 GAT

TIME M14	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	M1 RTO CM/KG	M1 PCT	RANGE KM	AZ DEG
0.0	7.5	124.0	992.0	20.0	17.6	200.0	4.1	1.4	3.9	293.8	327.2	12.9	86.0	182	17.0
9.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.0	273.4	875.0	19.4	17.2	999.0	99.9	99.9	99.9	294.7	328.0	12.0	99.9	99.9	99.9
1.3	11.1	455.0	950.0	21.3	16.1	999.0	99.9	99.9	99.9	298.8	331.2	12.2	72.0	99.9	99.9
2.2	11.3	738.5	925.0	20.6	16.3	204.1	11.0	11.0	1.2	300.3	334.4	12.6	76.0	99.9	99.9
3.1	15.5	667.7	900.0	19.5	16.4	287.7	12.3	11.7	-3.7	301.6	337.0	13.2	82.0	1.5	62.0
3.9	17.7	1210.4	875.0	17.7	15.7	288.1	12.6	11.1	-5.9	302.4	337.0	13.0	82.0	2.0	73.0
4.7	19.9	1450.4	850.0	15.8	14.8	312.2	11.1	8.2	-7.4	302.7	336.7	12.6	94.3	2.5	82.0
5.6	22.2	1712.1	825.0	13.9	11.5	322.6	9.3	5.7	-7.4	303.2	331.8	10.5	85.0	2.9	89.0
6.5	24.6	1971.6	800.0	12.9	8.8	328.8	8.3	4.5	-6.9	304.8	329.3	9.0	78.1	3.3	96.0
7.5	27.0	2237.6	775.0	10.2	6.6	312.5	10.2	7.5	-6.9	304.8	327.0	8.0	70.3	3.7	102.0
8.4	31.0	2511.1	750.0	10.8	-0.1	294.0	12.2	11.2	-5.0	308.3	323.1	5.1	47.2	4.0	107.0
10.4	34.2	2753.3	725.0	5.6	-6.6	292.0	13.3	12.3	-5.0	310.6	319.7	3.2	31.1	5.4	109.0
11.4	36.7	3083.5	700.0	7.6	-6.8	290.0	14.0	12.7	-5.9	310.5	320.8	3.3	35.0	6.2	110.0
12.5	39.4	3381.7	675.0	4.8	-9.5	296.2	13.9	12.5	-6.1	311.0	319.4	2.0	34.6	7.1	110.0
12.6	42.0	3682.8	650.0	1.8	-8.7	295.5	13.5	12.2	-5.8	311.1	320.2	3.0	45.0	7.9	111.0
14.7	44.7	4082.7	625.0	-3.9	-8.8	292.7	12.7	11.6	-4.9	311.4	319.8	3.1	54.0	8.8	111.0
15.8	47.4	4327.1	600.0	-6.8	-11.6	288.6	13.2	12.7	-3.0	311.8	318.1	2.6	54.5	9.7	111.0
17.0	50.2	4661.4	575.0	-7.0	-15.4	278.7	13.4	13.2	-2.0	315.6	320.9	1.5	50.9	10.5	110.0
18.3	53.0	5007.8	550.0	-7.6	-19.0	280.9	12.1	12.9	-2.5	316.2	320.9	1.4	39.7	12.5	109.0
19.7	55.9	5368.1	525.0	-10.0	-21.0	288.7	14.9	14.1	-4.8	316.2	320.9	1.4	39.7	13.8	109.0
21.0	59.9	5742.0	500.0	-13.4	-24.3	289.5	16.3	15.3	-5.4	316.7	320.9	1.1	39.3	15.2	109.0
21.5	61.9	6131.1	475.0	-15.4	-31.8	289.0	17.4	16.6	-4.5	319.6	320.9	0.6	22.7	15.2	109.0
23.5	65.1	6538.7	450.0	-17.0	-47.8	289.8	17.7	16.6	-6.0	321.5	322.3	0.2	4.9	16.6	109.0
25.2	68.3	6964.7	425.0	-20.7	-45.5	293.6	16.7	15.3	-6.7	322.2	323.1	0.2	8.0	18.1	109.0
26.8	71.6	7409.4	400.0	-24.9	-42.8	297.6	17.9	15.9	-8.3	322.7	323.5	0.2	17.0	19.6	110.0
28.6	75.1	7875.3	375.0	-28.4	-41.5	304.4	20.1	16.5	-11.3	324.1	325.0	0.3	26.8	21.3	111.0
30.4	74.7	8365.5	350.0	-32.7	-50.2	303.6	22.1	17.9	-12.4	325.7	325.3	0.2	25.0	23.5	112.0
32.4	92.1	8882.5	325.0	-37.2	-50.2	308.6	23.2	18.1	-12.2	325.4	325.9	0.1	24.0	25.9	113.0
34.5	86.3	10012.9	300.0	-41.7	50.9	308.6	27.6	20.5	-14.5	326.4	325.9	0.9	99.9	28.9	113.0
36.6	93.5	10637.7	275.0	-47.2	59.9	312.2	27.6	20.5	-18.5	326.4	325.9	0.9	99.9	31.4	114.0
38.0	95.0	11312.3	250.0	-52.0	59.9	306.3	33.4	27.8	-19.8	326.7	325.9	0.9	99.9	34.4	117.0
41.6	99.6	12047.7	200.0	-57.2	59.9	302.1	38.0	32.2	-20.2	330.8	325.9	0.9	99.9	40.4	118.0
44.3	106.6	12871.4	175.0	-63.5	59.9	306.9	45.9	36.7	-27.0	334.4	325.9	0.9	99.9	47.7	119.0
47.3	110.3	13628.0	150.0	-68.9	59.9	302.2	32.5	21.7	-24.1	335.2	325.9	0.9	99.9	52.9	121.0
50.7	116.3	14917.2	125.0	-64.1	59.9	296.8	23.9	20.2	-12.7	334.2	325.9	0.9	99.9	57.6	121.0
54.9	123.3	16281.7	100.0	-62.4	59.9	298.2	15.4	13.6	-11.7	337.9	325.9	0.9	99.9	60.4	121.0
60.4	131.7	18081.4	75.0	-68.4	59.9	273.3	6.5	6.4	-7.3	347.2	325.9	0.9	99.9	68.4	121.0
67.7	141.7	20680.2	50.0	-68.0	99.9	16.7	5.1	-1.6	-5.4	446.3	325.9	0.9	99.9	71.0	121.0
79.6	154.0	25068.1	25.0	-48.0	99.9	104.0	1.1	-1.6	0.3	446.2	325.9	0.9	99.9	72.3	120.0

 ° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

26 APRIL 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E FOT Y UG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	7.3	124.0	693.0	18.3	16.1	250.0	2.6	2.6	0.5	292.0	322.2	11.7	87.0	0.0	0.
5.0	95.9	95.9	1000.0	95.0	95.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.6	9.9	201.3	575.0	17.7	15.9	325.4	7.0	4.3	-6.3	292.0	323.5	11.0	89.5	0.2	120.
1.4	11.2	503.5	550.0	16.8	15.3	332.7	6.1	2.8	-5.5	293.0	323.7	11.6	95.5	0.6	130.
2.2	13.5	732.3	525.0	16.3	15.5	327.2	8.7	4.7	-7.3	296.0	327.7	12.1	95.5	0.6	140.
3.1	15.9	965.1	900.0	16.7	15.0	284.2	5.7	9.4	-2.0	290.7	332.0	12.9	95.7	1.2	130.
3.0	19.3	1205.9	875.0	16.1	15.4	274.6	10.3	10.3	-0.9	300.2	334.4	12.7	95.3	1.7	127.
4.8	20.7	1453.1	850.0	15.6	14.5	286.6	11.0	10.5	-3.1	302.2	335.7	12.3	93.4	2.2	120.
5.7	23.1	1706.6	825.0	14.3	12.8	282.0	10.9	10.6	-2.3	303.2	334.4	11.4	91.8	2.9	117.
9.6	25.6	1566.6	800.0	12.3	11.2	275.7	11.0	10.9	-1.1	304.3	333.1	10.5	93.0	3.5	113.
7.9	29.1	2320.9	775.0	11.0	8.3	274.5	11.5	11.4	-1.1	305.3	330.5	8.9	83.1	4.2	111.
0.0	30.6	2508.3	750.0	9.4	4.0	276.1	12.1	12.0	-1.7	306.2	326.0	6.0	68.9	5.0	108.
1.0	33.3	2766.9	725.0	7.2	1.7	282.6	12.7	12.6	-2.8	307.4	324.6	6.0	68.0	5.7	107.
1.1	35.9	3074.9	700.0	5.0	-2.2	287.3	13.3	12.7	-4.0	308.0	321.6	4.7	59.7	6.6	107.
1.1	38.4	3370.7	675.0	2.8	-9.3	288.4	12.3	11.6	-4.1	308.8	315.3	2.8	40.4	7.3	107.
1.2	41.3	3675.1	650.0	0.8	-15.8	292.8	14.0	12.9	-5.4	309.2	315.1	1.7	27.5	8.2	105.
1.4	44.1	3985.0	625.0	-0.9	-17.5	294.7	17.6	16.0	-7.4	311.2	316.3	1.5	27.0	9.3	102.
1.6	47.0	4314.1	600.0	-2.4	-20.4	290.2	12.5	17.4	-6.4	313.2	317.4	1.3	23.6	10.7	102.
1.8	49.8	4653.1	575.0	-5.2	-19.1	283.9	17.5	17.0	-4.2	313.5	318.5	1.5	32.5	12.3	102.
1.3	52.8	4957.7	550.0	-7.9	-18.9	279.1	16.5	16.3	-2.6	314.2	319.7	1.6	49.8	13.2	102.
1.3	55.9	5357.4	525.0	-10.9	-18.4	279.9	15.5	15.3	-2.4	315.3	320.3	1.6	49.2	14.6	107.
2.0	59.0	5738.2	500.0	-13.4	-20.7	286.4	17.8	17.1	-5.0	316.7	319.1	0.7	26.1	15.6	107.
2.3	62.1	6120.0	475.0	-14.3	-47.8	283.6	19.7	18.2	-4.4	320.3	320.7	0.1	4.1	17.2	107.
2.5	65.5	6527.6	450.0	-17.6	-41.6	281.2	17.1	16.0	-3.3	321.2	322.0	0.2	10.5	18.9	102.
2.1	69.9	6952.8	425.0	-20.6	-39.1	283.7	18.0	17.5	-4.3	322.2	323.7	0.3	17.2	20.5	102.
2.6	73.4	7328.3	400.0	-24.0	-38.2	282.0	18.6	18.2	-3.9	323.2	325.1	0.3	25.5	22.1	102.
2.2	76.0	7865.4	375.0	-27.6	-42.3	284.1	18.3	17.7	-4.5	325.1	326.0	0.2	23.0	23.8	102.
2.9	79.5	8357.6	350.0	-32.0	-40.2	285.8	20.6	19.7	-5.9	325.6	326.8	0.3	44.1	25.8	102.
3.1	81.7	8976.7	325.0	-35.9	-45.5	287.2	24.3	23.2	-7.2	327.2	326.7	0.2	36.1	28.3	102.
3.7	87.9	9427.3	300.0	-40.8	90.9	285.2	25.7	24.6	-6.0	327.5	999.9	99.9	999.9	31.3	104.
3.5	92.2	10012.5	275.0	-46.2	90.9	283.8	25.5	24.7	-6.1	328.4	999.9	99.9	999.9	34.5	104.
3.9	94.7	10634.6	250.0	-51.8	90.9	290.8	27.6	25.8	-9.0	329.4	999.9	99.9	999.9	37.7	104.
4.2	101.6	11311.8	225.0	-57.2	90.9	296.3	34.3	30.8	-15.2	330.0	999.9	99.9	999.9	41.9	104.
4.8	106.8	12047.8	200.0	-62.0	90.9	304.4	44.9	37.0	-25.4	334.7	999.9	99.9	999.9	47.9	109.
4.5	112.5	12874.7	175.0	-62.5	90.9	309.0	35.3	27.4	-22.2	346.2	999.9	99.9	999.9	54.7	111.
4.0	114.8	13817.8	150.0	-65.9	90.9	299.8	29.0	25.1	-14.4	356.5	999.9	99.9	999.9	60.5	112.
5.3	125.8	14928.2	125.0	-65.5	90.9	298.9	27.1	23.8	-13.1	376.4	999.9	99.9	999.9	67.6	113.
5.7	133.7	16295.5	100.0	-61.7	90.9	301.8	16.7	14.2	-8.0	408.5	999.9	99.9	999.9	73.9	114.
6.3	143.0	18070.9	75.0	-61.8	90.9	311.6	8.4	6.3	-5.6	443.4	999.9	99.9	999.9	78.0	114.
7.1	153.7	20666.9	50.0	-57.9	90.9	18.4	7.5	-2.4	-7.1	507.1	999.9	99.9	999.9	79.9	115.
8.3	165.0	25089.9	25.0	-48.6	90.9	295.8	0.1	0.1	-0.0	644.9	999.9	99.9	999.9	78.2	116.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

3 APRIL 1979
1102 GMT

TIME MLV	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	SI. 0
0.0	6.1	33.0	1005.4	18.0	16.9	220.0	3.1	2.0	2.4	290.7	321.8	12.1	93.0	0.0	0.
0.1	5.6	79.5	1000.0	19.0	16.1	999.9	99.9	99.9	99.9	292.1	326.1	13.2	93.7	999.9	999.
1.0	9.0	298.8	975.0	20.3	19.1	999.9	99.9	99.9	99.9	295.6	333.3	14.5	93.0	999.9	999.
1.9	11.5	523.9	950.0	20.9	12.4	999.9	99.9	99.9	99.9	298.4	324.1	9.6	93.5	1.0	23.
2.8	14.0	754.3	925.0	19.5	11.2	190.8	4.6	0.9	4.5	299.2	323.8	23.8	91.1	1.3	20.
3.8	16.5	989.2	900.0	16.3	9.5	201.5	4.2	1.6	3.9	298.3	320.8	8.3	64.1	1.5	19.
4.8	19.9	1228.3	875.0	14.3	8.9	236.1	4.6	3.8	2.5	298.6	320.9	8.2	70.2	1.8	20.
5.7	21.5	1473.5	850.0	15.9	-17.6	278.4	4.7	4.7	-0.7	302.8	311.4	3.1	25.4	1.9	28.
6.5	24.1	1727.7	825.0	17.6	-39.2	315.8	3.5	2.4	-2.5	307.5	307.7	0.2	1.0	2.0	34.
7.5	26.7	1989.5	800.0	16.6	-39.7	323.3	3.7	2.2	-3.0	308.9	309.4	0.1	1.0	1.9	39.
8.4	29.3	2254.2	775.0	14.9	-40.8	327.4	4.9	2.7	-4.1	309.5	310.3	0.1	1.0	1.8	41.
9.5	32.0	2533.8	750.0	12.8	-30.0	338.3	6.6	2.4	-6.1	310.5	311.9	0.4	3.4	1.7	59.
10.5	34.7	2817.1	725.0	11.1	-24.6	337.1	7.7	3.0	-7.1	311.7	314.1	0.7	6.5	1.7	72.
11.6	37.4	3108.4	700.0	8.7	-15.2	348.4	9.6	1.9	-9.4	312.1	317.4	1.7	16.9	1.8	91.
12.8	40.2	3407.6	675.0	6.2	-15.3	356.6	10.8	0.6	-10.8	312.4	318.0	1.7	19.4	2.0	112.
13.5	43.0	3713.1	650.0	3.6	-17.4	356.8	10.4	0.6	-10.4	313.6	317.8	1.5	19.8	2.4	128.
15.1	45.9	4021.8	625.0	1.3	-22.7	357.3	10.0	0.5	-10.0	314.0	317.2	1.0	14.8	3.0	139.
16.4	48.9	4352.4	600.0	-1.3	-28.7	356.3	11.1	0.7	-11.0	314.6	316.6	0.6	10.3	3.6	146.
17.7	51.9	4653.9	575.0	-3.7	-31.4	348.2	12.3	2.5	-12.1	315.7	317.3	0.5	9.5	4.5	152.
19.0	54.9	5045.6	550.0	-5.1	-33.6	340.7	12.4	4.1	-11.7	318.0	318.5	0.1	3.3	5.5	154.
20.3	59.0	5409.6	525.0	-7.1	-41.7	338.4	10.9	4.0	-10.2	319.1	320.6	0.2	4.3	6.3	155.
21.7	61.1	5787.4	500.0	-10.5	-35.5	334.4	11.7	5.0	-10.5	320.2	321.5	0.4	10.8	7.2	155.
23.1	64.4	6180.4	475.0	-12.6	-47.4	319.6	14.1	9.1	-10.8	322.4	322.8	0.1	3.8	8.3	154.
24.6	67.9	6590.3	450.0	-16.3	-59.9	311.8	16.3	12.1	-10.9	322.8	322.9	0.0	1.0	9.6	151.
26.0	71.3	7018.3	425.0	-18.7	-57.3	310.6	17.9	13.6	-11.6	325.6	325.2	0.0	1.8	11.0	149.
27.6	74.9	7465.4	400.0	-24.3	-46.1	313.7	18.6	13.5	-12.9	323.4	323.9	0.1	11.3	12.7	146.
29.3	79.5	7931.9	375.0	-28.2	-29.3	318.5	17.6	11.7	-13.2	324.2	325.6	0.4	37.2	15.5	145.
31.2	82.3	8424.0	350.0	-31.5	-43.9	315.7	17.2	12.0	-12.3	326.3	327.1	0.2	27.7	16.4	144.
33.2	86.3	8944.3	325.0	-35.4	-49.2	317.3	22.2	15.1	-16.3	327.9	328.4	0.1	22.5	18.7	143.
35.3	90.3	9456.2	300.0	-40.2	99.9	324.4	28.0	16.3	-22.8	328.7	329.9	99.9	99.9	21.9	143.
37.4	94.7	10082.8	275.0	-45.6	99.9	323.0	32.4	19.5	-25.9	329.2	329.9	99.9	99.9	25.6	143.
39.9	99.2	10710.0	250.0	-51.3	99.9	322.6	32.3	19.6	-25.6	328.9	329.9	99.9	99.9	30.6	143.
42.4	104.0	11366.2	225.0	-56.1	99.9	324.0	26.8	16.5	-22.6	332.6	332.9	99.9	99.9	35.2	143.
45.2	109.0	12130.2	200.0	-59.5	99.9	325.3	26.3	15.0	-21.6	336.2	336.9	99.9	99.9	40.6	143.
48.1	114.4	12959.1	175.0	-62.9	99.9	321.5	32.3	20.1	-25.3	346.2	346.9	99.9	99.9	44.8	143.
51.9	120.3	13907.2	150.0	-64.7	99.9	309.8	35.3	27.1	-22.6	358.8	359.9	99.9	99.9	52.1	142.
56.1	128.8	15028.4	125.0	-60.9	99.9	308.6	30.5	24.0	-18.6	368.6	369.9	99.9	99.9	60.7	140.
61.1	134.0	16468.4	100.0	-64.0	99.9	287.2	22.3	21.3	-6.4	404.1	404.9	99.9	99.9	64.6	138.
67.1	141.7	18188.9	75.0	-64.2	99.9	286.3	8.0	7.7	-2.3	428.3	429.9	99.9	99.9	75.5	134.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS25 APRIL 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.8	33.0	1306.1	20.5	18.4	200.0	2.6	0.9	2.4	293.1	327.8	13.4	88.0	0.0	0.
0.2	6.3	85.8	1000.0	20.0	18.1	599.9	99.9	99.9	99.9	293.2	327.3	13.2	88.7	999.9	999.
1.0	8.5	304.8	575.0	20.5	13.1	599.9	99.9	99.9	99.9	295.8	321.8	9.9	63.4	999.9	999.
1.9	10.6	525.5	550.0	20.4	9.8	599.9	99.9	99.9	99.9	298.1	319.8	8.0	49.9	0.7	9.
2.8	12.9	759.4	925.0	16.7	9.8	192.6	5.6	1.2	5.5	298.4	320.8	8.3	56.2	1.1	9.
3.7	15.2	994.1	900.0	16.9	9.3	221.0	4.6	3.1	3.5	299.9	321.2	8.2	61.0	1.3	11.
4.5	17.5	1234.2	875.0	15.8	9.7	263.2	4.1	4.0	0.5	300.2	323.7	8.7	67.2	1.8	17.
5.4	19.8	1481.1	850.0	18.3	4.4	298.8	3.1	2.7	-1.5	305.3	322.9	8.2	49.2	1.5	26.
6.4	22.2	1738.7	825.0	18.8	-38.4	317.5	2.4	1.6	-1.8	308.5	309.1	0.2	1.0	1.5	30.
7.8	24.5	1959.4	800.0	17.1	-39.4	334.8	3.6	1.6	-3.4	309.4	310.0	0.2	1.0	1.9	40.
8.8	27.0	2268.7	775.0	15.8	-18.1	341.1	6.4	2.1	-6.0	310.8	314.5	1.2	8.2	1.2	53.
9.8	29.4	2565.9	750.0	14.3	-12.3	351.7	8.5	1.2	-8.4	312.2	318.3	2.0	14.5	1.2	74.
10.9	31.9	2831.5	725.0	11.6	-5.4	358.2	10.1	0.3	-10.1	312.4	320.4	2.6	21.7	1.2	103.
12.0	34.5	3122.6	700.0	9.0	-8.7	4.0	10.6	-0.7	-10.5	312.4	321.1	2.8	27.6	1.5	132.
13.2	37.2	3422.4	675.0	6.8	-10.9	5.8	10.5	-1.1	-10.4	313.2	320.9	2.5	25.8	2.0	149.
14.2	39.7	3730.7	650.0	3.8	-11.6	359.5	10.0	0.1	-10.8	313.2	320.7	2.4	31.3	2.6	157.
15.7	42.4	4047.6	625.0	1.0	-16.8	350.5	10.1	1.7	-9.9	313.6	318.8	1.7	25.4	3.5	162.
16.9	45.2	4374.6	600.0	-0.5	-28.1	340.4	8.8	3.0	-8.2	315.5	317.7	0.6	10.2	4.0	161.
18.2	48.0	4712.7	575.0	-2.9	-32.7	332.9	9.1	4.2	-8.1	316.8	318.0	0.4	7.9	4.9	161.
19.5	50.9	5063.1	550.0	-5.4	-33.7	332.0	10.6	5.0	-9.4	317.7	319.1	0.4	8.6	5.6	160.
20.6	53.8	5426.1	525.0	-8.3	-34.2	322.5	13.1	8.0	-10.4	318.5	321.1	0.3	10.2	6.5	159.
22.3	56.9	5803.0	500.0	-10.7	-37.8	318.6	12.8	8.5	-9.6	320.1	321.1	0.3	8.5	7.6	155.
23.7	59.9	6195.4	475.0	-13.5	-41.0	322.9	13.0	7.8	-10.3	321.2	322.1	0.2	7.7	8.7	154.
25.3	63.1	6508.2	450.0	-16.6	-44.8	322.1	13.7	8.4	-10.8	322.3	322.1	0.2	999.9	9.9	152.
26.8	65.4	7031.3	425.0	-19.6	-48.9	316.0	16.4	12.8	-13.2	323.8	323.8	99.9	999.9	11.3	151.
28.5	67.7	7478.7	400.0	-22.7	-51.9	310.6	20.4	19.5	-13.3	325.4	325.4	99.9	999.9	13.2	149.
30.2	73.1	7946.8	375.0	-26.5	-54.8	309.8	21.1	16.2	-13.5	326.5	327.2	0.2	15.8	15.2	145.
31.9	76.7	8442.5	350.0	-31.2	-58.6	315.7	23.2	16.2	-16.6	326.7	327.8	0.3	39.9	17.5	144.
33.8	80.6	8944.1	325.0	-35.1	-55.4	317.6	24.6	16.6	-18.1	328.3	329.1	0.2	33.7	20.2	143.
35.9	84.5	9415.4	300.0	-38.8	-59.9	315.3	25.8	18.1	-18.3	329.3	329.3	99.9	999.9	23.5	142.
38.2	88.7	10105.0	275.0	-44.5	-59.9	321.0	26.3	16.6	-20.5	330.2	329.9	99.9	999.9	26.8	141.
40.3	93.0	10736.0	250.0	-48.5	-59.9	325.7	31.6	17.8	-26.1	332.2	329.9	99.9	999.9	30.5	142.
43.1	97.7	11417.9	225.0	-55.1	-59.9	320.6	32.2	20.3	-24.9	334.1	329.9	99.9	999.9	35.6	142.
45.7	102.6	12159.3	200.0	-60.5	-59.9	316.1	35.9	24.8	-25.9	336.5	329.9	99.9	999.9	41.0	141.
48.5	109.0	12964.8	175.0	-62.8	-59.9	312.6	37.2	25.1	-27.5	346.3	329.9	99.9	999.9	47.1	141.
51.7	114.0	13932.3	150.0	-64.0	-59.9	310.8	33.3	25.2	-21.8	359.4	329.9	99.9	999.9	54.0	140.
55.4	120.7	15082.7	125.0	-61.9	-59.9	313.6	24.3	17.6	-16.7	382.5	329.9	99.9	999.9	60.4	139.
56.4	123.0	16442.2	100.0	-55.8	-59.9	285.1	12.2	11.8	-3.2	412.1	329.9	99.9	999.9	64.6	139.
65.3	137.0	18223.9	75.0	-62.8	-59.9	285.8	7.4	7.1	-2.0	441.2	329.9	99.9	999.9	66.6	137.
72.6	147.7	20533.8	50.0	-56.1	-59.9	330.4	6.5	3.2	-5.7	511.4	329.9	99.9	999.9	67.6	137.
83.8	159.5	25254.4	25.0	-47.2	-59.9	98	10.3	-10.2	1.8	649.2	329.9	99.9	999.9	63.3	140.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * 9V TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

26 APRIL 1979
1705 GMT

163 12. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIN DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX ATO GM/KG	RM PCT	RANGE KM	AZ DEG
3.0	6.9	33.0	1006.3	26.1	18.2	190.8	5.1	0.9	5.0	298.7	333.8	13.3	62.8	0.0	0.
3.2	7.5	86.5	1000.0	25.7	17.8	231.4	3.8	3.0	2.4	298.9	333.2	13.0	61.8	0.2	398.
1.0	4.7	310.9	975.0	23.3	16.7	191.7	3.2	0.6	3.1	298.6	331.5	12.4	66.9	0.2	13.
1.8	12.1	537.2	950.0	21.1	16.2	216.4	7.2	4.3	5.8	298.6	331.2	12.3	73.2	0.4	15.
2.6	14.4	767.9	925.0	19.1	15.3	198.1	8.6	2.5	7.6	298.5	330.7	12.0	78.6	0.8	27.
3.5	16.8	1003.3	900.0	17.3	12.6	212.1	6.7	3.6	5.7	299.3	326.9	10.3	74.1	1.2	22.
4.5	19.2	1244.0	875.0	16.5	11.3	253.7	4.8	4.6	1.4	300.9	327.1	9.7	71.4	1.5	27.
5.4	21.6	1491.5	850.0	18.0	-19.0	277.4	4.0	4.0	-0.5	305.8	315.3	3.7	26.5	1.6	37.
6.3	24.0	1746.8	825.0	18.7	-38.4	279.6	3.1	3.0	-0.5	308.3	308.9	0.2	1.8	1.7	41.
7.2	26.5	2009.8	800.0	18.0	-27.5	300.5	2.3	2.9	-1.7	310.2	312.6	0.7	4.6	1.8	47.
8.2	29.1	2288.1	775.0	16.6	-9.1	319.8	4.9	3.1	-3.7	311.6	319.2	2.5	16.2	1.8	54.
9.2	31.6	2558.0	750.0	14.6	-11.3	329.7	6.4	3.2	-5.5	312.5	319.1	2.1	15.4	1.8	64.
10.4	34.2	2842.9	725.0	12.1	-4.3	338.2	7.5	2.7	-7.0	312.8	324.3	3.8	31.4	1.9	79.
11.4	36.9	3135.3	700.0	9.3	-4.3	344.8	7.7	2.1	-7.4	312.8	324.7	4.0	38.8	2.0	93.
12.5	37.6	3435.6	675.0	6.8	-8.4	348.4	8.8	2.4	-8.4	313.2	322.4	3.0	32.8	2.2	105.
13.5	42.3	3744.1	650.0	4.1	-8.9	343.1	9.6	2.8	-9.2	313.7	322.8	3.0	37.8	2.6	117.
14.8	43.1	4061.4	625.0	1.3	-11.8	338.5	11.1	4.1	-10.4	313.5	321.5	2.5	36.9	3.2	127.
16.0	47.9	4366.4	600.0	-1.2	-18.7	339.3	13.2	4.7	-12.3	314.7	319.4	1.5	25.1	3.9	133.
17.1	50.8	4726.4	575.0	-3.1	-33.2	338.1	12.1	4.5	-11.2	316.4	317.8	0.4	7.6	4.8	139.
18.4	53.8	5076.3	550.0	-6.0	-34.8	337.1	11.5	4.5	-10.6	316.5	318.2	0.4	8.0	5.6	151.
19.6	56.8	5438.4	525.0	-9.1	-35.9	328.6	12.7	6.6	-10.8	317.2	318.6	0.3	9.2	6.4	163.
20.9	59.9	5814.2	500.0	-10.8	-37.8	312.7	15.4	11.3	-10.5	319.6	320.9	0.3	8.7	7.5	182.
22.3	63.0	6207.0	475.0	-12.9	-36.6	308.4	14.6	11.7	-8.7	322.0	323.3	0.3	11.5	8.8	193.
23.7	66.3	6616.6	450.0	-16.6	-39.9	304.5	12.9	10.6	-7.3	322.4	324.6	0.6	27.7	9.9	198.
25.2	69.6	7043.1	425.0	-20.5	-30.8	309.1	15.3	11.9	-9.7	322.7	325.2	0.7	42.2	11.0	137.
26.8	73.0	7485.8	400.0	-23.2	-35.0	309.7	18.6	14.3	-11.9	324.8	326.9	0.6	40.3	12.7	136.
28.4	76.5	7959.0	375.0	-27.2	-35.4	310.2	19.7	15.1	-12.7	325.6	327.4	0.5	45.3	14.6	135.
30.1	80.1	8452.0	350.0	-31.2	-39.5	310.9	22.7	17.1	-14.8	326.7	328.0	0.3	43.2	16.6	135.
31.6	84.0	8973.6	325.0	-34.8	-44.6	308.4	28.3	22.2	-17.6	328.7	329.5	0.2	35.8	18.9	134.
33.2	87.0	9527.5	300.0	-39.2	-48.4	312.1	30.7	22.8	-20.6	330.2	330.7	0.2	36.3	21.8	134.
35.0	92.2	10117.1	275.0	-44.8	99.9	315.4	30.4	21.4	-21.7	330.4	999.9	99.9	999.9	25.2	134.
36.9	96.5	10746.6	250.0	-50.5	99.9	316.1	32.1	21.4	-23.9	331.0	999.9	99.9	999.9	28.6	134.
39.1	101.2	11428.0	225.0	-55.3	99.9	314.2	38.8	26.4	-27.1	333.8	999.9	99.9	999.9	33.3	134.
41.4	104.0	12166.7	200.0	-59.8	99.9	315.6	37.3	26.4	-26.3	339.8	999.9	99.9	999.9	38.7	134.
43.4	111.4	12967.1	175.0	-62.8	99.9	320.9	40.3	25.5	-31.3	346.4	999.9	99.9	999.9	45.7	135.
47.4	117.3	13942.8	150.0	-63.7	99.9	308.0	35.1	27.7	-21.6	360.4	999.9	99.9	999.9	52.4	135.
52.7	123.7	15071.4	125.0	-64.9	99.9	318.2	24.7	16.5	-18.4	364.6	999.9	99.9	999.9	60.6	134.
58.7	131.0	16444.9	100.0	-61.9	99.9	291.1	17.1	16.0	-6.2	408.1	999.9	99.9	999.9	62.5	134.
59.6	139.3	18224.7	75.0	-55.9	99.9	279.0	8.9	8.8	-1.4	447.3	999.9	99.9	999.9	65.8	132.
66.7	149.7	20748.5	50.0	-59.6	99.9	319.0	5.2	3.4	-3.9	802.7	999.9	99.9	999.9	67.3	132.
77.6	161.5	25227.9	25.0	-68.0	99.9	999.9	99.9	99.9	99.9	446.8	999.9	99.9	999.9	63.9	134.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

25 APRIL 1979
2005 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PC7	RANGE KM	AZ DEG
0.0	7.1	33.0	1004.0	29.0	18.4	190.0	5.1	0.9	5.0	301.2	337.9	13.5	53.0	163	13.0
0.1	7.4	68.6	1000.0	28.2	17.9	190.1	4.7	0.8	4.6	301.4	336.3	13.1	53.7	0.0	0.0
1.2	9.6	125.0	975.0	25.3	16.4	185.0	4.9	0.5	4.9	300.6	333.1	12.1	57.9	0.4	5.0
2.2	11.8	520.2	550.0	23.0	15.3	183.5	5.4	0.3	5.4	300.5	331.8	11.7	62.0	0.7	8.0
3.1	14.1	752.3	925.0	20.8	15.0	185.1	4.8	0.4	4.9	300.8	332.0	11.7	69.6	1.0	6.0
4.0	16.5	989.2	900.0	18.8	14.6	205.1	4.2	1.8	3.8	300.5	332.4	11.7	76.7	1.2	7.0
4.9	17.7	1230.9	875.0	17.0	13.1	241.8	4.0	3.5	1.9	301.2	331.0	11.0	77.9	1.4	11.0
5.9	21.1	1472.8	850.0	18.7	-2.0	275.5	5.6	5.5	-0.5	305.6	318.0	4.2	26.5	1.5	21.0
6.8	23.5	1734.9	825.0	19.9	-13.6	281.6	6.1	6.0	-1.2	309.6	314.8	1.6	9.4	1.4	34.0
7.8	25.9	1992.6	800.0	18.5	-10.8	287.2	7.2	6.8	-2.1	310.9	317.4	2.1	12.6	1.8	45.0
8.9	28.4	2269.5	775.0	16.7	-8.3	293.1	7.7	7.1	-3.0	311.8	319.9	2.6	17.2	2.0	58.0
9.9	30.9	2547.4	750.0	14.5	-2.0	301.1	6.7	5.8	-3.5	312.4	325.5	4.4	31.9	2.3	67.0
12.9	33.4	2832.5	725.0	11.9	-4.8	311.4	6.6	4.9	-4.3	312.5	323.6	3.7	30.7	2.5	75.0
12.0	35.0	3124.9	700.0	9.9	-8.1	315.1	7.6	5.3	-5.4	313.5	322.5	3.0	27.1	2.8	83.0
13.1	39.7	3425.7	675.0	7.1	-0.0	312.8	8.4	6.1	-5.7	313.6	323.1	3.1	33.3	3.1	91.0
14.1	41.4	3734.4	650.0	4.0	-7.1	313.1	8.9	6.5	-6.1	313.5	323.9	3.4	44.0	3.5	96.0
15.1	44.1	4051.7	625.0	1.2	-7.4	318.9	10.7	7.1	-8.1	313.6	324.4	3.5	52.7	4.0	102.0
16.3	47.0	4378.7	600.0	-1.4	-10.3	322.7	14.5	8.8	-11.5	314.5	323.4	2.9	50.8	4.7	109.0
17.3	49.9	4716.7	575.0	-3.7	-15.8	325.1	18.0	10.3	-14.8	315.7	321.8	1.9	38.4	5.6	115.0
18.5	52.9	5066.0	550.0	-6.7	-18.3	325.4	19.3	10.9	-15.9	316.1	321.4	1.6	39.3	6.8	121.0
19.7	55.8	5427.4	525.0	-9.4	-33.7	321.0	17.1	10.8	-13.3	317.2	318.6	0.4	11.7	8.0	124.0
21.0	58.9	5802.5	500.0	-12.0	-33.9	315.5	15.5	10.9	-11.0	318.4	319.9	0.4	14.1	9.2	126.0
22.5	62.1	6193.0	475.0	-14.6	-34.4	310.4	18.0	13.7	-11.7	319.5	321.4	0.4	16.6	10.7	127.0
24.1	65.4	6600.9	450.0	-17.1	-25.4	305.1	18.5	15.2	-10.7	321.7	325.3	1.1	44.3	12.4	127.0
25.8	68.7	7027.0	425.0	-20.2	-29.1	308.6	21.3	17.6	-12.1	323.1	325.9	0.8	44.7	14.4	127.0
27.4	72.1	7474.1	400.0	-23.0	-34.6	308.7	24.1	18.8	-15.1	325.1	326.9	0.5	33.8	16.6	127.0
28.9	75.7	7945.1	375.0	-25.7	-49.2	311.7	25.4	19.0	-16.9	327.6	327.9	0.1	8.3	19.9	127.0
30.5	79.5	8440.5	350.0	-30.5	-53.3	314.4	25.0	17.9	-17.5	327.7	327.9	0.1	8.6	21.3	128.0
32.1	83.3	8961.8	325.0	-35.4	-56.7	323.0	26.9	16.2	-21.5	327.5	328.1	0.1	9.2	23.7	129.0
34.0	87.5	9514.1	300.0	-39.8	99.9	325.8	28.9	17.5	-23.0	329.2	329.9	99.9	99.9	27.0	131.0
36.3	91.9	10102.2	275.0	-4.6	99.9	320.6	31.3	19.8	-24.2	330.6	329.9	99.9	99.9	30.8	132.0
38.6	96.4	10732.9	250.0	1.0	99.9	320.6	33.9	21.5	-26.2	331.7	329.9	99.9	99.9	35.4	133.0
41.2	101.2	11412.8	225.0	5.4	99.9	315.9	39.6	27.5	-28.4	333.4	329.9	99.9	99.9	40.9	134.0
43.6	106.4	12157.8	200.0	-5.3	99.9	318.5	46.7	30.9	-34.9	338.8	329.9	99.9	99.9	47.2	134.0
46.2	112.2	12955.3	175.0	-60.8	99.9	323.7	37.5	22.2	-30.2	349.6	329.9	99.9	99.9	54.1	135.0
49.3	119.3	13940.8	150.0	-66.5	99.9	305.0	35.9	29.4	-20.5	355.6	329.9	99.9	99.9	60.3	135.0
53.2	125.3	15057.2	125.0	-61.9	99.9	299.9	24.4	21.1	-12.2	382.5	329.9	99.9	99.9	67.7	134.0
58.0	133.3	16428.9	100.0	-63.9	99.9	277.7	16.4	16.3	-2.5	404.4	329.9	99.9	99.9	72.0	132.0
64.0	142.3	19209.3	75.0	-60.0	99.9	310.4	9.3	7.1	-6.0	447.1	329.9	99.9	99.9	76.7	130.0
72.1	153.0	20720.2	50.0	-57.9	99.9	206.7	6.4	2.9	5.7	507.0	329.9	99.9	99.9	78.1	131.0
85.3	164.3	25241.0	25.0	-47.1	99.9	99.9	99.9	99.9	99.9	649.6	329.9	99.9	99.9	73.2	133.0

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

25 APRIL 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN P3 DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG M	E POT 7 DEG K	WIND GPM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	0.6	33.0	1002.1	27.2	18.6	160.0	6.1	-1.4	3.9	300.2	336.7	13.8	60.0	0.0	0.
0.1	0.9	51.6	1000.0	26.6	18.5	165.1	5.7	-1.2	5.6	299.6	335.8	13.6	61.1	0.1	352.
0.9	9.0	274.6	575.0	24.2	18.4	177.0	7.4	-0.4	7.4	299.6	336.2	13.8	70.0	0.4	349.
1.8	11.3	501.7	950.0	21.7	17.5	185.6	7.6	0.7	7.5	299.2	334.7	13.6	77.3	0.8	350.
2.6	13.5	733.1	925.0	20.3	14.9	181.7	6.1	0.2	6.1	300.1	331.3	11.7	71.4	1.2	350.
3.5	15.8	965.8	900.0	19.6	13.7	196.5	3.3	0.9	3.1	301.7	331.5	11.0	68.8	1.4	354.
4.5	14.2	1212.5	875.0	15.2	10.2	263.6	5.7	5.7	0.6	303.6	328.7	9.1	54.7	1.5	3.
5.4	20.5	1463.1	850.0	22.1	-3.4	280.3	9.9	5.7	-1.8	309.3	319.7	3.5	17.9	1.6	22.
6.4	22.9	1721.3	825.0	20.9	-3.9	280.7	11.5	11.3	-2.1	310.7	321.1	3.5	18.6	1.8	41.
7.4	25.4	1986.4	800.0	18.8	3.1	278.6	11.9	11.7	-1.8	311.2	320.6	6.0	35.5	2.2	57.
8.3	27.8	2257.7	775.0	16.8	-0.5	273.8	10.5	10.5	-0.5	311.8	326.0	4.8	31.8	2.8	66.
9.3	30.3	2535.8	750.0	14.5	-2.8	270.8	8.8	8.8	-0.1	312.3	324.7	4.2	30.2	3.3	70.
10.4	32.9	2820.8	725.0	11.8	-1.3	267.6	8.4	8.4	0.3	312.8	326.7	4.8	40.8	3.8	73.
11.4	35.5	3113.3	700.0	9.5	-4.7	273.3	9.0	9.0	-0.8	313.1	324.6	3.8	36.1	4.3	75.
12.4	34.1	3413.8	675.0	7.1	-7.2	289.5	10.5	9.9	-3.5	313.6	323.6	3.3	35.4	4.8	78.
13.5	40.4	3722.8	650.0	4.6	-6.6	257.5	13.1	11.6	-6.0	314.5	325.1	3.6	43.8	5.5	83.
14.6	43.5	4041.1	625.0	1.8	-5.4	305.4	14.8	12.1	-8.6	314.5	326.8	4.1	58.8	6.2	88.
15.8	46.3	4368.6	600.0	-1.5	-6.4	313.0	15.4	11.2	-10.5	314.4	326.2	3.9	69.1	7.1	94.
17.0	47.1	4705.9	575.0	-4.9	-7.6	318.3	15.6	10.4	-11.6	314.2	325.6	3.8	81.7	8.0	100.
18.3	50.4	5034.0	550.0	-7.7	-14.6	325.3	15.5	8.8	-12.7	315.0	322.0	2.2	57.6	8.9	105.
19.6	52.0	5354.0	525.0	-5.9	-22.9	327.8	14.8	7.9	-12.5	316.5	320.3	1.2	34.0	9.8	109.
21.0	57.9	5789.2	500.0	-12.5	-22.0	317.4	16.7	11.3	-12.3	317.6	322.1	1.3	44.9	10.9	113.
22.4	61.0	6179.6	475.0	-14.1	-24.8	304.5	18.9	15.6	-10.7	320.5	324.1	1.1	39.5	12.3	115.
23.8	64.3	6568.2	450.0	-16.9	-28.4	307.5	22.0	17.4	-13.4	322.1	324.8	0.8	36.0	14.0	116.
25.3	67.5	7015.6	425.0	-18.6	-30.1	316.5	23.6	16.2	-17.1	325.1	325.5	0.1	5.1	15.9	118.
26.8	70.9	7464.3	400.0	-22.3	-31.2	320.8	21.7	13.7	-16.8	326.8	326.1	0.0	1.5	18.0	121.
28.6	74.4	7934.7	375.0	-26.4	-31.7	323.8	21.6	12.7	-17.4	326.8	326.7	0.0	2.0	20.0	123.
30.2	79.0	8428.4	350.0	-31.0	-36.5	322.4	23.8	14.6	-18.9	326.5	327.1	0.0	6.1	22.1	125.
31.9	81.7	8945.3	325.0	-35.5	-36.0	321.9	27.8	17.2	-21.9	327.6	328.0	0.1	10.0	24.6	127.
33.6	85.7	9500.7	300.0	-40.3	99.9	327.5	32.9	17.7	-27.7	328.6	999.9	99.9	999.9	27.5	129.
35.5	89.8	10087.6	275.0	-45.2	99.9	330.3	40.0	19.8	-34.7	329.8	999.9	99.9	999.9	31.3	131.
37.8	94.2	10718.1	250.0	-50.1	99.9	325.0	45.1	25.9	-36.9	331.6	999.9	99.9	999.9	37.2	136.
40.1	99.6	11399.1	225.0	-54.4	99.9	317.3	46.8	31.2	-33.8	335.1	999.9	99.9	999.9	43.4	138.
42.5	103.6	12145.2	200.0	-58.9	99.9	311.9	51.8	38.6	-34.6	339.5	999.9	99.9	999.9	50.3	139.
45.0	109.8	12979.5	175.0	-60.2	99.9	323.3	42.6	25.5	-34.2	350.5	999.9	99.9	999.9	57.8	135.
47.8	114.5	13928.1	150.0	-65.5	99.9	310.2	33.2	25.3	-21.4	357.3	999.9	99.9	999.9	63.5	136.
51.4	121.0	15033.2	125.0	-64.5	99.9	304.8	30.0	24.6	-17.1	378.2	999.9	99.9	999.9	70.4	130.
55.4	128.0	16389.8	100.0	-66.5	99.9	294.3	20.4	18.6	-8.4	399.2	999.9	99.9	999.9	76.5	130.
61.9	134.5	18159.7	75.0	-68.8	99.9	309.9	10.8	7.7	-6.4	445.6	999.9	99.9	999.9	80.6	132.
69.3	145.5	20673.1	50.0	-34.8	99.9	268.2	5.6	5.6	0.4	509.4	999.9	99.9	999.9	82.5	133.
79.9	158.5	25161.8	25.0	-48.1	99.9	999.9	99.9	99.9	99.9	646.4	999.9	99.9	999.9	79.4	135.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

26 APRIL 1979
205 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCNP M/SEC	V CCNP M/SEC	POT T DEG K	E POT Y DEG K	MX WTC CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	6.4	33.0	1002.2	22.6	20.9	170.0	3.1	-0.5	3.1	295.6	336.3	15.7	90.0	0.0	0.
0.1	6.6	52.3	1000.0	22.9	21.6	999.9	49.9	99.9	99.9	296.1	338.9	16.5	92.1	999.9	999.
0.9	6.6	274.3	975.0	22.4	21.6	999.9	99.9	99.9	99.9	297.7	342.4	17.2	96.6	999.9	999.
1.7	11.1	500.7	950.0	21.0	19.6	999.9	99.9	99.9	99.9	298.5	339.5	15.6	93.7	1.0	4.
2.7	13.4	733.0	925.0	22.3	13.5	191.3	8.1	1.6	8.0	302.1	331.0	10.7	57.8	1.5	7.
3.6	15.6	971.6	900.0	22.4	9.9	211.9	6.2	3.3	5.3	304.6	328.3	8.6	45.0	1.8	8.
4.4	19.0	1216.2	875.0	21.6	9.6	263.9	7.6	7.5	0.8	306.2	330.3	8.7	46.6	2.0	14.
5.2	27.4	1667.9	850.0	22.8	-5.6	288.2	10.3	9.8	-3.2	310.8	319.1	3.0	14.9	2.1	28.
6.2	23.8	1726.8	825.0	22.0	-3.6	294.4	10.4	10.1	-2.6	311.2	322.7	3.6	18.2	2.3	44.
7.2	25.2	1932.6	800.0	20.3	-2.6	281.1	10.8	10.6	-2.8	312.2	324.6	4.0	21.3	2.7	55.
8.2	27.7	2265.1	775.0	18.0	-4.5	277.4	10.6	10.5	-1.4	313.2	323.8	3.5	21.2	3.1	63.
9.2	32.2	2546.0	750.0	15.3	-4.9	273.3	10.9	10.9	-0.6	313.2	323.9	3.5	24.4	3.7	68.
10.3	32.8	2829.9	725.0	12.9	-7.2	277.4	11.1	11.0	-1.4	313.2	323.9	3.1	24.0	4.4	73.
11.4	35.4	3123.2	700.0	10.4	-6.2	282.3	12.3	12.0	-2.6	314.0	321.4	3.5	30.7	5.1	76.
12.5	39.0	3424.3	675.0	7.5	-5.2	291.8	13.4	12.4	-5.0	314.1	325.7	3.9	40.0	5.8	81.
13.6	43.7	3734.0	650.0	4.0	-4.1	300.6	14.7	12.7	-7.5	314.4	327.4	4.3	52.4	6.6	86.
14.7	43.4	4052.3	625.0	1.7	-5.6	305.3	15.0	12.2	-8.7	314.4	326.5	4.0	58.0	7.4	90.
15.9	46.2	4378.8	600.0	-1.4	-7.4	309.4	14.2	11.0	-9.0	314.5	325.6	3.7	63.4	8.3	95.
17.1	49.1	4717.2	575.0	-3.8	-20.7	316.7	13.5	9.2	-11.6	315.2	317.6	0.6	12.4	9.1	99.
18.5	52.0	5067.2	550.0	-5.3	-20.6	320.0	15.2	9.8	-11.6	317.6	322.1	1.3	28.7	9.9	103.
19.8	55.0	5430.7	525.0	-7.9	-19.4	311.0	17.9	13.5	-11.7	319.0	324.0	1.6	38.9	11.1	107.
21.1	58.1	5808.7	500.0	-10.5	-24.4	305.0	18.4	15.1	-10.6	320.3	323.8	1.1	30.6	12.4	109.
22.5	61.3	6201.3	475.0	-13.5	-24.1	311.1	18.7	14.1	-12.3	321.3	325.1	1.1	40.2	14.0	111.
24.0	64.5	6610.3	450.0	-16.6	-31.6	316.0	19.1	12.8	-14.2	322.2	324.4	0.6	26.0	15.5	114.
25.5	67.9	7037.4	425.0	-19.5	-34.7	315.6	21.0	14.7	-15.0	324.0	325.3	0.4	19.9	17.2	116.
27.1	71.3	7485.4	400.0	-22.4	-47.3	314.9	22.4	15.8	-15.8	325.5	326.4	0.1	8.2	19.2	119.
28.7	74.9	7955.6	375.0	-26.5	-46.6	319.8	22.2	14.6	-16.7	326.5	327.1	0.1	12.9	21.2	120.
30.4	78.6	8445.2	350.0	-31.3	-46.0	320.6	22.5	14.3	-17.4	326.5	327.2	0.2	21.9	23.4	122.
32.3	82.5	8949.2	325.0	-34.0	-51.8	330.4	23.2	11.5	-20.2	327.1	327.5	0.1	17.5	25.7	124.
34.3	86.5	9528.1	300.0	-40.4	99.9	324.9	29.8	17.1	-24.4	328.2	999.9	99.9	999.9	28.4	127.
36.2	90.7	10108.8	275.0	-44.0	99.9	315.6	33.9	23.7	-24.3	331.4	999.9	99.9	999.9	32.1	128.
38.4	95.2	10740.8	250.0	-49.5	99.9	312.6	35.3	26.0	-23.9	332.5	999.9	99.9	999.9	36.7	129.
40.7	99.8	11421.7	225.0	-55.4	99.9	308.4	38.0	29.7	-23.6	331.6	999.9	99.9	999.9	41.7	129.
43.2	103.0	12163.5	200.0	-59.9	99.9	315.2	45.9	32.3	-32.6	337.5	999.9	99.9	999.9	47.7	129.
46.0	110.5	12595.7	175.0	-63.6	99.9	324.0	49.4	29.0	-40.0	345.8	999.9	99.9	999.9	56.2	131.
49.2	115.5	13934.8	150.0	-66.4	99.9	316.9	38.4	26.3	-28.0	355.6	999.9	99.9	999.9	64.2	133.
52.9	123.0	15031.8	125.0	-69.7	99.9	304.6	29.6	24.4	-16.8	375.5	999.9	99.9	999.9	71.6	132.
57.2	130.7	16384.4	100.0	-68.6	99.9	298.8	22.5	19.7	-10.8	395.2	999.9	99.9	999.9	78.2	132.
62.8	137.7	18148.0	75.0	-62.8	99.9	331.0	9.1	4.4	-7.9	441.4	999.9	99.9	999.9	83.6	131.
70.4	150.5	20658.5	50.0	-58.0	99.9	168.8	4.6	-0.9	4.5	506.5	999.9	99.9	999.9	83.5	131.
82.0	162.5	25117.9	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	643.7	999.9	99.9	999.9	79.6	134.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

26 APRIL 1979
505 GMT

162 17. 0

TIME MIN	CNTCT	WEIGHT GFN	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0.0	0.4	33.0	1003.4	22.2	21.2	190.0	5.1	0.9	5.0	295.1	336.4	16.0	94.0	0.0	0.
0.1	0.7	62.7	1000.0	22.3	21.2	599.9	99.9	99.9	99.9	295.4	336.9	16.1	93.4	999.9	999.
0.9	9.9	283.4	575.0	20.9	19.2	599.9	99.9	99.9	99.9	296.2	335.5	15.1	93.4	999.9	999.
1.0	11.3	506.2	950.0	21.7	18.4	599.9	99.9	99.9	99.9	299.2	336.9	14.3	82.1	1.0	10.
2.6	13.6	741.5	925.0	22.4	7.9	203.3	8.6	3.4	7.9	302.3	323.3	7.6	41.2	1.4	15.
3.6	16.0	979.2	900.0	21.9	3.7	227.3	6.7	4.9	4.5	304.1	319.9	5.6	30.3	1.8	17.
4.5	19.3	1223.7	875.0	21.5	4.9	273.2	6.3	6.3	-0.4	306.2	325.4	6.8	37.4	2.1	25.
5.4	20.7	1475.0	850.0	22.4	-6.5	302.3	6.8	5.7	-3.6	309.6	317.9	2.8	13.9	2.1	34.
6.4	23.2	1733.1	825.0	21.1	-24.9	302.5	8.6	7.3	-4.6	310.5	313.1	0.7	3.6	2.1	47.
7.5	25.7	1997.7	800.0	19.5	-38.0	301.3	9.8	8.3	-5.1	312.0	312.6	0.2	1.0	2.4	61.
9.5	29.2	2268.8	775.0	17.1	-39.5	293.4	10.1	9.3	-4.0	312.8	312.8	0.2	1.0	2.7	71.
9.4	30.4	2546.4	750.0	14.5	-21.3	299.9	11.3	10.7	-3.9	312.3	315.6	1.0	7.3	3.2	78.
10.4	33.4	2831.1	725.0	12.0	-15.4	293.6	12.0	11.7	-5.1	312.7	317.7	1.6	13.2	3.9	84.
11.4	36.0	3123.0	700.0	9.3	-14.2	303.3	12.6	10.5	-6.9	312.6	318.5	1.8	17.4	4.5	89.
12.6	38.7	3422.8	675.0	6.5	-20.3	303.5	12.3	10.2	-8.8	312.9	316.6	1.2	13.0	5.2	95.
13.7	41.4	3738.0	650.0	4.0	-12.1	296.4	11.6	10.4	-5.1	313.2	320.7	2.3	29.8	6.0	99.
14.3	44.2	4048.0	625.0	1.7	-33.0	298.2	11.8	10.4	-5.6	314.4	315.9	0.4	6.0	6.8	100.
16.1	47.1	4378.4	600.0	-0.5	-35.3	302.6	12.7	10.7	-6.8	315.5	316.7	0.3	5.4	7.7	103.
17.4	50.0	4714.1	575.0	-2.8	-19.8	309.5	12.1	9.4	-7.7	316.7	321.2	1.4	25.5	8.5	105.
18.7	53.0	5064.6	550.0	-5.5	-17.9	316.0	14.9	10.4	-10.8	317.6	323.0	1.7	36.9	9.4	108.
20.0	55.0	5428.0	525.0	-8.0	-19.8	313.6	16.9	12.3	-11.7	318.6	323.7	1.5	37.9	10.5	111.
21.3	59.1	5805.2	500.0	-11.0	-22.4	308.9	16.8	13.1	-10.5	319.6	323.7	1.3	38.2	11.8	113.
22.5	62.4	6197.8	475.0	-12.7	-40.0	309.1	16.7	12.9	-10.5	322.3	323.2	0.2	8.1	13.0	115.
23.9	65.6	6667.7	450.0	-15.9	-42.6	308.1	18.6	14.6	-11.5	323.2	324.0	0.2	7.9	14.2	116.
25.3	69.0	7035.6	425.0	-19.2	-39.7	309.4	19.1	14.7	-12.1	324.2	325.4	0.3	25.8	16.0	117.
26.7	72.4	7463.4	400.0	-22.2	-37.4	309.4	18.4	14.2	-11.7	324.6	326.1	0.4	25.8	17.5	119.
29.5	76.1	7952.0	375.0	-26.7	-47.6	312.9	18.3	13.4	-12.5	328.3	326.8	0.1	12.1	19.4	120.
30.2	79.8	8446.3	350.0	-30.7	-56.4	319.8	19.7	12.7	-15.1	327.4	327.6	0.0	6.0	21.2	121.
32.1	83.7	8969.0	325.0	-34.3	-53.9	315.5	23.9	16.7	-17.0	329.4	329.7	0.1	11.7	23.6	123.
33.9	87.8	9523.2	300.0	-38.7	-56.0	322.6	24.5	14.9	-19.4	330.6	331.1	0.1	14.1	26.2	124.
35.8	92.2	10113.8	275.0	-44.1	-59.9	325.8	25.3	14.2	-20.9	331.2	331.2	0.0	999.9	28.8	126.
37.7	96.6	10745.1	250.0	-49.8	99.9	324.0	28.3	16.6	-22.9	332.0	332.0	99.9	999.9	31.7	128.
39.7	101.3	11426.7	225.0	-54.0	99.9	318.8	37.8	24.9	-28.4	335.7	335.7	99.9	999.9	35.5	130.
42.1	106.5	12172.5	200.0	-55.5	99.9	320.6	50.9	32.3	-39.3	338.5	338.5	99.9	999.9	41.8	131.
44.8	112.0	12997.5	175.0	-63.0	99.9	323.2	82.3	31.5	-42.0	344.2	344.2	99.9	999.9	50.5	133.
47.5	118.0	13944.4	150.0	-64.3	99.9	321.2	36.7	24.2	-30.2	359.4	359.4	99.9	999.9	58.0	134.
50.9	124.0	15045.8	125.0	-65.9	99.9	305.6	30.5	24.8	-17.8	375.7	375.7	99.9	999.9	64.4	134.
54.8	132.3	16396.2	100.0	-68.5	99.9	298.0	23.1	20.4	-10.9	395.4	395.4	99.9	999.9	70.7	133.
59.9	141.0	18158.6	75.0	-63.1	99.9	313.8	7.6	5.8	-5.2	440.7	440.7	99.9	999.9	75.2	132.
65.9	151.5	20664.7	50.0	-60.3	99.9	324.6	4.1	2.4	-3.4	501.4	501.4	99.9	999.9	75.9	132.
77.8	163.0	23115.1	25.0	-69.1	99.9	192.2	14.3	3.1	14.1	643.2	643.2	99.9	999.9	73.3	137.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

26 APRIL 1970
803 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.4	33.0	1002.7	23.0	20.9	200.0	3.1	1.1	2.9	295.9	336.8	15.8	88.0	101	15.0
0.1	6.6	56.6	1000.0	22.9	21.0	599.9	99.9	99.9	99.9	296.0	337.2	15.9	89.1	999.9	999.9
1.0	9.9	277.6	575.0	21.4	20.1	999.9	99.9	99.9	99.9	296.7	336.7	15.4	92.4	999.9	999.9
1.8	11.3	503.1	550.0	20.0	17.9	999.9	99.9	99.9	99.9	297.5	333.7	13.8	87.8	0.8	28.0
2.6	13.5	734.3	925.0	21.7	14.6	227.0	8.8	6.5	6.0	301.2	332.3	11.6	64.2	1.3	32.0
3.4	15.9	972.5	500.0	21.8	11.5	259.5	7.2	7.0	1.3	304.0	330.2	9.6	52.1	1.6	38.0
4.3	19.3	1216.8	875.0	21.1	1.4	294.7	7.2	6.5	-3.0	309.7	323.9	6.5	36.7	1.9	49.0
5.3	20.7	1467.7	850.0	21.6	4.8	315.3	7.6	5.3	-5.4	308.6	328.2	6.8	35.7	2.8	60.0
6.3	23.1	1725.5	825.0	20.6	-17.4	312.6	8.9	6.6	-6.1	310.2	314.1	1.2	6.5	2.2	74.0
7.3	25.6	1989.5	600.0	18.4	-19.5	310.5	9.5	7.2	-6.2	310.7	314.0	1.0	6.2	2.5	85.0
8.2	28.1	2256.6	775.0	16.0	-17.2	316.1	10.6	7.3	-7.6	311.1	315.1	1.3	8.7	2.9	92.0
9.3	30.7	2536.4	750.0	13.3	-19.6	321.0	11.9	7.4	-9.4	311.0	314.5	1.1	8.5	3.4	101.0
10.3	32.2	2815.7	725.0	10.8	-19.5	323.1	12.5	7.5	-10.0	311.2	314.9	1.1	10.1	4.0	108.0
11.3	35.9	3110.3	700.0	8.2	-21.3	318.2	13.6	9.0	-10.1	311.2	314.7	1.0	10.2	4.7	113.0
12.3	38.5	3409.1	675.0	5.8	-22.1	312.0	15.2	11.3	-10.2	315.3	315.3	1.0	11.2	5.5	117.0
13.4	41.2	3716.3	650.0	3.5	-13.3	307.6	18.1	14.4	-11.1	312.9	319.5	2.1	27.9	6.6	119.0
14.5	43.9	4032.0	625.0	1.0	-17.9	302.7	17.3	14.5	-9.3	313.4	318.3	1.5	22.7	7.8	120.0
15.7	46.8	4358.8	600.0	-1.3	-21.3	294.4	14.7	13.4	-6.1	314.7	318.7	1.2	20.0	8.9	120.0
16.9	49.6	4687.6	575.0	-3.3	-20.1	295.2	15.0	13.6	-6.4	316.2	320.5	1.3	25.8	10.0	119.0
18.2	52.6	5047.5	550.0	-6.2	-19.3	297.6	14.6	12.9	-6.8	316.7	321.9	1.6	37.5	11.1	119.0
19.6	55.6	5409.3	525.0	-9.7	-17.8	298.8	14.0	12.3	-6.7	316.8	322.5	1.8	51.3	12.3	112.0
20.9	53.7	5783.8	500.0	-12.4	-19.9	297.5	14.8	13.1	-6.8	318.0	323.0	1.6	53.1	13.4	119.0
22.0	61.9	6174.0	475.0	-14.9	-25.5	294.5	17.0	15.5	-7.1	319.2	322.9	1.0	39.7	14.5	119.0
23.3	65.1	6581.9	450.0	-16.9	-37.9	294.4	17.0	15.5	-7.0	322.0	323.1	0.3	14.2	15.9	119.0
24.9	63.5	7008.1	425.0	-20.1	-39.0	294.0	17.9	16.1	-7.8	323.2	324.3	0.3	16.7	17.3	119.0
26.3	72.0	7434.8	400.0	-23.1	-45.5	291.0	16.4	15.3	-5.9	325.0	325.6	0.2	10.7	18.9	119.0
28.9	75.5	7925.0	375.0	-26.5	-59.2	283.1	15.9	15.5	-3.6	326.4	326.7	0.0	2.8	20.4	119.0
29.7	73.3	8418.7	350.0	-30.4	-66.0	289.0	18.1	17.0	-6.1	327.7	327.8	0.0	2.2	22.2	119.0
31.4	81.0	8942.0	325.0	-33.7	-55.6	302.5	20.4	17.2	-10.9	330.2	330.4	0.1	8.9	24.1	116.0
33.3	87.1	9499.2	300.0	-36.4	-62.7	308.8	24.3	20.2	-13.5	331.2	331.3	0.0	5.7	26.6	117.0
35.2	91.3	10098.5	275.0	-43.8	99.9	302.7	26.9	22.6	-14.5	331.2	331.2	99.9	999.9	29.6	117.0
37.4	95.3	10722.6	250.0	-48.9	99.9	314.2	31.4	22.5	-21.8	333.4	333.4	99.9	999.9	33.3	118.0
39.6	103.6	11428.5	225.0	-53.6	99.9	317.1	41.1	28.0	-30.2	336.4	336.4	99.9	999.9	37.7	121.0
41.8	125.6	12154.9	200.0	-59.7	99.9	319.4	51.5	33.5	-39.1	338.2	338.2	99.9	999.9	43.7	126.0
44.4	111.0	12978.8	175.0	-64.4	99.9	317.0	49.7	33.5	-36.7	343.7	343.7	99.9	999.9	51.8	126.0
47.4	117.0	13916.0	150.0	-65.7	99.9	314.4	38.7	27.6	-27.1	356.9	356.9	99.9	999.9	59.6	127.0
50.6	123.7	15018.9	125.0	-65.6	99.9	302.7	29.8	25.1	-16.1	369.1	369.1	99.9	999.9	66.3	128.0
54.9	131.0	16355.9	100.0	-68.4	99.9	294.3	24.2	22.1	-18.0	395.7	395.7	99.9	999.9	73.3	128.0
60.3	139.7	18115.6	75.0	-64.2	99.9	303.3	9.6	8.0	-5.3	438.2	438.2	99.9	999.9	78.3	128.0
67.6	150.0	20801.9	50.0	-68.7	99.5	168.3	7.2	1.0	7.2	500.4	500.4	99.9	999.9	79.7	128.0
79.5	161.5	25974.9	25.0	-50.1	99.9	111.3	11.4	-10.6	4.1	641.0	641.0	99.9	999.9	74.9	129.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS26 APRIL 1979
1105 G4T

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.8	33.0	1003.4	22.0	20.3	240.0	3.6	3.1	1.0	294.5	334.0	15.1	90.0	0.0	0.
0.2	6.1	62.6	1000.0	21.5	19.7	599.9	99.9	99.9	99.9	294.5	332.5	14.6	89.4	999.9	999.9
1.0	8.4	202.8	975.0	20.7	19.0	599.9	99.9	99.9	99.9	295.9	333.4	14.6	90.5	999.9	999.9
1.8	13.7	507.4	950.0	18.7	17.6	599.9	99.9	99.9	99.9	296.2	331.4	13.5	92.5	999.9	999.9
2.7	13.0	736.1	925.0	16.1	5.1	283.4	7.4	6.6	3.3	295.2	312.0	6.0	48.0	1.0	64.
3.5	15.3	971.8	900.0	20.6	7.3	269.5	7.5	7.5	0.1	302.7	322.8	7.2	42.7	1.3	67.
4.3	17.7	1214.9	875.0	18.9	12.1	296.2	8.3	7.5	-3.7	303.4	331.3	10.2	66.8	1.6	76.
5.2	20.1	1462.8	850.0	18.3	6.7	306.2	8.8	7.1	-5.2	305.5	327.1	7.9	50.7	2.0	86.
6.1	22.5	1719.7	825.0	16.5	-16.1	309.0	7.3	5.6	-4.6	308.1	312.3	1.3	8.3	2.3	93.
7.1	25.0	1581.9	800.0	16.7	-21.2	314.6	7.9	5.6	-5.6	309.0	311.0	0.9	5.9	2.6	99.
8.1	27.5	2250.8	775.0	14.7	-31.5	314.9	8.7	6.2	-6.2	309.6	310.9	0.4	2.7	3.1	106.
9.0	30.0	2526.2	750.0	13.2	-41.9	317.6	9.9	6.7	-7.3	310.5	311.3	0.1	1.0	3.5	109.
10.1	32.6	2909.5	725.0	10.8	-43.3	318.0	11.1	7.4	-8.2	311.3	311.7	0.1	1.0	4.1	113.
11.1	35.3	3100.1	700.0	8.3	-29.2	315.2	13.1	9.3	-9.3	311.6	313.3	0.5	5.0	4.6	117.
12.2	37.9	3352.4	675.0	5.6	-27.9	314.9	15.3	10.6	-10.6	312.0	313.9	0.6	6.7	5.7	120.
13.3	40.7	3705.6	650.0	3.4	-24.5	310.9	16.1	12.2	-10.5	312.2	315.5	0.8	10.8	6.7	122.
14.4	43.4	4021.9	625.0	0.4	-21.3	305.3	16.4	13.4	-9.5	313.0	316.6	1.1	17.7	7.8	123.
15.5	45.2	4347.7	600.0	-2.4	-19.1	298.7	15.6	13.7	-7.5	313.4	317.9	1.4	26.3	8.9	123.
16.6	47.1	4683.6	575.0	-5.4	-17.9	297.5	12.9	12.3	-3.9	313.7	318.8	1.6	36.5	9.9	122.
17.9	51.9	5031.5	550.0	-7.5	-19.4	282.6	12.1	11.8	-2.6	315.2	320.0	1.5	37.5	10.7	120.
19.2	54.9	5392.6	525.0	-9.0	-33.8	289.4	15.3	14.5	-4.8	317.6	319.1	0.4	11.4	11.7	119.
20.5	59.0	5762.5	500.0	-11.2	-57.0	290.2	17.5	16.4	-6.1	319.4	319.5	0.0	1.0	13.0	118.
21.4	61.3	6165.4	475.0	-13.6	-55.4	294.6	17.9	16.3	-7.4	321.1	321.3	0.1	1.9	14.5	117.
22.4	64.4	6568.6	450.0	-17.4	-37.8	301.9	15.5	15.5	-10.3	321.3	322.5	0.3	13.1	16.1	117.
24.9	67.9	6952.9	425.0	-20.7	-36.3	298.1	20.2	17.8	-9.5	322.4	323.8	0.4	23.0	18.0	116.
26.4	71.3	7439.3	400.0	-24.2	-39.7	287.8	20.4	19.4	-6.2	323.6	324.7	0.3	22.2	19.8	117.
28.1	74.9	7907.3	375.0	-26.8	-50.0	287.3	21.3	20.3	-6.3	326.2	326.6	0.1	8.9	21.9	116.
29.9	78.6	8402.7	350.0	-30.3	-48.2	298.4	21.7	19.1	-10.3	328.0	328.5	0.1	13.4	24.1	116.
31.8	82.4	8925.6	325.0	-34.3	-41.5	303.2	23.0	20.9	-13.7	329.5	330.6	0.3	47.8	26.7	117.
33.8	85.5	9480.5	300.0	-38.0	-44.2	301.7	27.9	23.8	-14.7	330.4	331.3	0.2	57.1	29.8	117.
35.7	90.7	10071.1	275.0	-44.0	99.9	299.4	30.2	25.3	-14.8	331.5	331.5	99.9	999.9	33.3	118.
38.0	95.0	10704.0	250.0	-46.2	99.9	305.1	35.9	29.4	-20.7	334.4	334.4	99.9	999.9	37.7	118.
40.4	99.8	11382.5	225.0	-54.5	99.9	311.5	40.7	30.5	-26.9	335.0	335.0	99.9	999.9	43.1	119.
43.2	104.9	12132.0	200.0	-60.8	99.9	316.5	45.5	31.3	-33.0	335.5	335.5	99.9	999.9	50.3	121.
46.0	110.3	12954.2	175.0	-62.9	99.9	311.0	48.6	30.6	-26.6	346.2	346.2	99.9	999.9	57.4	123.
49.9	116.3	13495.9	150.0	-66.5	99.9	307.5	38.5	30.6	-23.5	359.3	359.3	99.9	999.9	64.8	124.
52.3	123.0	14998.8	125.0	-70.7	99.9	298.1	30.5	26.9	-14.4	368.5	368.5	99.9	999.9	72.4	124.
57.3	139.3	16321.1	100.0	-66.2	99.9	293.5	25.1	23.0	-10.0	396.0	396.0	99.9	999.9	79.7	123.
62.6	139.0	18072.9	75.0	-64.4	99.9	347.9	10.1	2.1	-8.9	430.0	430.0	99.9	999.9	85.6	123.
70.4	150.0	20578.7	50.0	-56.7	99.9	265.2	6.6	6.6	0.6	505.6	505.6	99.9	999.9	86.4	126.
82.1	162.5	25075.9	25.0	-48.5	99.9	83.6	8.8	-8.8	-8.9	645.6	645.6	99.9	999.9	82.6	126.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 200
STEPHENVILLE, TEXAS

25 APRIL 1979
1105 GMT

TIME M/Y	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U CCHP M/SEC	V COMP M/SEC	POB T DEG K	E POT T DEG K	MZ RTO G/M/SEC	RM PCT	RANGE KM	AZ DEG
0.0	9.5	399.0	960.2	17.0	13.1	190.0	3.6	0.6	3.5	293.5	319.6	10.0	78.0	0.0	0.
93.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.9	93.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	10.5	490.7	950.0	18.0	14.5	219.0	16.5	10.4	12.8	295.4	324.5	11.1	80.4	0.3	28.
1.0	12.2	719.9	925.0	18.0	13.8	222.4	18.5	12.5	13.6	298.6	327.4	10.8	72.4	0.8	35.
1.8	15.4	956.9	500.0	21.5	12.2	230.8	18.1	14.0	11.4	303.6	331.0	10.0	55.9	1.7	41.
2.6	17.9	1201.5	875.0	21.5	3.6	220.3	15.4	10.8	11.0	306.2	322.4	5.7	30.8	2.5	45.
3.4	20.4	1452.5	850.0	21.6	-0.8	20.7	12.6	6.2	10.9	308.2	321.3	4.3	22.4	3.2	43.
4.2	23.0	1710.2	825.0	15.9	-0.1	217.1	11.9	7.2	9.5	309.6	323.2	4.6	26.1	3.7	41.
5.1	25.6	1974.7	800.0	18.7	-0.2	230.3	10.7	8.2	6.8	311.1	324.9	4.7	28.0	4.4	41.
6.1	28.2	2245.9	775.0	16.4	2.3	243.2	9.7	8.7	4.4	311.4	328.5	5.9	38.9	4.9	43.
7.1	33.9	2523.8	750.0	14.0	2.4	257.7	9.4	9.2	2.0	311.2	329.5	6.1	45.4	5.4	46.
8.0	33.6	2908.8	725.0	11.4	0.1	265.9	9.8	9.7	1.1	312.7	329.7	5.3	45.6	5.9	49.
9.9	35.3	3100.8	700.0	8.9	-3.5	271.0	8.7	8.6	-0.2	312.3	325.0	4.2	41.5	6.3	52.
9.9	33.1	3400.5	675.0	6.4	-7.6	284.9	7.5	7.3	-1.9	312.2	322.5	3.2	35.9	6.6	55.
11.0	42.0	3768.5	650.0	3.6	-6.9	287.4	8.1	7.7	-2.4	313.0	323.6	3.5	46.2	6.9	58.
12.0	44.9	4025.6	625.0	0.7	-7.7	284.7	9.5	9.2	-2.4	313.7	323.8	3.4	62.5	7.7	64.
12.8	47.3	4352.1	600.0	-2.2	-8.4	283.4	10.4	10.2	-3.4	313.4	323.0	3.2	72.8	8.2	67.
13.9	52.9	4688.3	575.0	-5.7	-9.7	290.4	9.6	9.0	-3.4	313.4	323.0	2.2	58.8	8.7	70.
15.1	53.9	5035.4	550.0	-8.4	-15.0	290.5	10.1	9.5	-3.5	314.2	320.9	0.9	27.4	9.2	73.
16.2	57.0	5395.4	525.0	-10.2	-25.4	290.2	12.3	11.5	-4.2	316.2	319.2	0.8	35.5	10.0	76.
17.4	63.1	5765.3	500.0	-12.3	-25.3	293.3	13.4	12.3	-5.3	316.8	320.0	1.0	34.7	10.8	79.
18.6	63.5	6157.9	475.0	-16.1	-28.1	292.1	14.1	13.0	-5.3	318.0	320.7	0.8	24.1	11.8	82.
19.8	66.9	6522.5	450.0	-19.2	-34.6	289.3	16.9	15.9	-5.6	319.2	320.7	0.8	36.2	14.2	88.
21.1	70.3	6965.5	425.0	-22.3	-39.7	291.7	16.0	14.8	-5.6	320.4	323.0	0.4	36.2	14.2	88.
22.6	73.9	7427.5	400.0	-25.5	-36.5	297.5	17.2	15.3	-7.9	321.8	323.4	0.4	36.2	14.2	88.
24.4	77.6	7893.1	375.0	-28.4	-38.3	299.7	22.0	19.1	-10.9	324.1	324.2	0.0	3.9	16.0	92.
26.1	81.5	8383.6	350.0	-32.3	-44.4	297.4	23.9	21.2	-11.0	325.2	325.3	0.0	2.5	18.2	95.
27.7	85.5	8902.2	325.0	-36.6	-56.9	302.9	24.2	20.3	-13.1	326.2	326.4	0.1	10.3	20.3	98.
29.4	89.7	9450.5	300.0	-41.8	59.9	304.4	26.2	21.6	-14.8	326.2	326.4	99.9	999.9	22.5	121.
31.2	94.0	10033.6	275.0	-46.6	99.9	304.4	26.8	22.1	-15.2	327.4	327.4	99.9	999.9	25.2	103.
31.3	93.7	10537.6	250.0	-52.4	59.9	306.0	25.6	20.7	-15.1	328.2	328.2	99.9	999.9	28.4	106.
35.5	103.6	11238.4	225.0	-57.5	99.9	311.7	26.9	20.1	-17.9	330.4	330.4	99.9	999.9	31.5	108.
37.9	109.6	12065.8	200.0	-62.7	99.9	316.4	25.6	17.6	-18.5	334.1	334.1	99.9	999.9	35.1	111.
40.6	114.6	12886.6	175.0	-64.5	99.9	318.1	28.0	21.4	-18.0	343.5	343.5	99.9	999.9	38.8	113.
44.1	121.0	13624.6	150.0	-64.3	99.9	302.4	30.8	26.0	-16.5	359.4	359.4	99.9	999.9	45.4	115.
47.5	123.0	14957.7	125.0	-61.1	99.9	294.8	20.7	10.8	-8.7	384.2	384.2	99.9	999.9	50.8	116.
52.0	136.0	16336.1	100.0	-61.9	99.9	279.6	14.5	14.3	-2.4	408.2	408.2	99.9	999.9	54.6	115.
57.3	145.0	18118.1	75.0	-63.0	99.9	277.8	9.2	9.1	-1.2	440.5	440.5	99.9	999.9	58.6	114.
65.0	155.3	20851.3	50.0	-56.2	99.9	328.7	6.7	3.5	-5.7	506.5	506.5	99.9	999.9	61.8	113.
76.4	166.0	25128.3	25.0	-48.7	99.9	273.3	4.9	4.8	-0.4	644.6	644.6	99.9	999.9	60.1	110.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
STEPHENSVILLE, TEXAS

25 APRIL 1979
1405 G.M.T

TIME MIL	CNCTF	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT P DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	359.0	960.7	20.3	14.2	200.0	5.1	1.7	4.8	256.8	325.1	10.7	68.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	95.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.4	450.0	950.0	19.9	14.2	213.0	13.0	7.7	11.5	297.4	320.1	10.8	70.0	0.3	34.
1.0	13.7	723.6	925.0	16.3	13.7	228.2	16.0	11.9	10.7	250.1	320.7	10.8	74.5	0.8	36.
1.6	16.1	962.1	900.0	22.5	11.5	240.9	19.6	17.1	9.5	308.7	320.7	10.6	50.3	1.6	48.
2.6	18.5	1207.9	875.0	23.6	-0.5	233.9	15.0	12.8	9.3	308.3	320.7	4.2	20.2	2.5	52.
3.6	21.0	1459.7	850.0	22.1	-3.0	227.5	14.0	10.3	9.0	309.4	320.7	3.6	17.3	3.3	51.
4.6	23.5	1717.9	825.0	20.6	-1.0	240.4	14.0	12.1	6.9	310.4	322.5	4.1	22.1	4.2	51.
5.6	26.0	1982.3	800.0	18.3	1.3	248.7	13.3	12.4	4.8	310.6	320.0	5.3	31.9	5.1	54.
6.9	29.5	2252.3	775.0	16.1	1.4	250.9	10.2	10.2	3.5	311.2	327.1	5.5	30.8	5.9	54.
7.8	31.1	2531.0	750.0	14.2	-2.1	251.4	9.8	9.3	3.1	312.6	324.9	4.4	32.3	6.5	58.
9.0	33.7	2915.6	725.0	11.8	-6.3	257.1	6.4	6.3	1.4	312.4	322.4	3.3	27.5	6.9	59.
10.1	35.4	3107.9	700.0	9.2	-11.5	257.0	7.1	6.9	1.5	312.7	319.7	2.3	21.7	7.3	60.
11.1	39.1	3407.6	675.0	6.6	-12.1	266.0	8.2	8.2	0.6	313.0	319.9	2.2	24.7	7.8	61.
12.2	41.9	3715.7	650.0	3.6	-12.1	274.4	8.1	8.1	-0.6	313.0	320.2	2.3	30.5	8.3	63.
13.4	44.9	4032.3	625.0	0.4	-11.8	270.6	6.5	6.5	-0.1	313.0	320.6	2.5	39.3	8.8	65.
14.6	47.7	4358.2	600.0	-2.0	-13.6	275.5	10.2	10.2	-1.0	313.1	320.1	2.2	42.5	9.3	67.
15.7	50.6	4694.4	575.0	-5.0	-19.9	285.6	12.8	12.3	-3.4	314.2	318.6	1.4	30.0	10.0	69.
16.9	53.6	5042.1	550.0	-7.7	-26.4	286.7	12.7	12.2	-3.6	315.0	317.7	0.8	20.5	10.5	73.
18.4	56.9	5402.3	525.0	-10.4	-27.9	281.0	12.4	12.2	-2.4	315.9	318.4	0.7	22.2	11.7	75.
19.6	59.2	5776.0	500.0	-13.1	-32.1	279.9	12.9	12.7	-2.2	317.1	318.8	0.5	18.3	12.7	77.
21.2	63.1	6165.3	475.0	-14.8	-32.7	275.1	15.7	15.6	-1.4	319.7	321.4	0.5	19.9	13.8	79.
22.5	66.5	6572.8	450.0	-17.6	-38.2	276.3	17.0	16.9	-1.9	321.1	323.6	0.0	39.0	15.1	80.
23.9	70.0	6957.9	425.0	-20.6	-39.5	267.9	17.3	16.9	-5.3	322.6	323.6	0.3	16.4	16.4	82.
25.3	73.6	7444.4	400.0	-23.6	-40.0	267.9	20.3	19.4	-6.2	324.3	325.4	0.3	21.3	17.9	84.
26.9	77.2	7912.0	375.0	-27.9	-42.6	269.8	18.6	17.5	-6.3	324.7	325.6	0.2	22.8	19.5	87.
28.6	81.0	8402.2	350.0	-32.0	-39.4	291.4	21.1	19.7	-7.7	325.2	326.9	0.4	52.6	21.4	89.
30.4	85.0	8922.0	325.0	-36.1	-41.4	297.9	21.5	19.0	-10.1	327.0	328.1	0.3	57.3	23.5	91.
32.5	89.2	9473.2	300.0	-40.9	99.9	296.3	23.4	20.9	-10.4	327.6	329.9	99.9	99.9	26.1	94.
34.4	93.5	10059.1	275.0	-45.9	99.9	299.3	25.2	22.0	-12.4	328.2	329.9	99.9	99.9	28.9	96.
36.4	97.2	10625.7	250.0	-51.4	99.9	304.2	26.4	21.8	-14.0	329.2	329.9	99.9	99.9	32.1	99.
38.2	103.0	11359.6	225.0	-57.7	99.9	302.1	27.1	23.0	-14.4	330.1	329.9	99.9	99.9	35.6	102.
41.4	109.2	12160.5	200.0	-59.9	99.9	303.2	26.6	22.3	-14.6	337.5	329.9	99.9	99.9	38.8	103.
44.2	114.0	12928.2	175.0	-63.1	99.9	311.4	29.9	22.4	-19.8	335.2	329.9	99.9	99.9	43.5	106.
47.1	120.0	13722.3	150.0	-64.7	99.9	303.0	29.5	24.7	-16.1	358.7	329.9	99.9	99.9	48.2	108.
51.1	127.0	14955.9	125.0	-61.8	99.9	304.7	23.5	19.6	-13.6	363.1	329.9	99.9	99.9	54.6	111.
55.4	134.7	16370.9	100.0	-59.4	99.9	285.0	16.0	15.4	-4.1	412.7	329.9	99.9	99.9	59.5	111.
61.0	143.3	18162.9	75.0	-50.8	99.9	275.2	9.2	9.2	-0.8	447.2	329.9	99.9	99.9	63.6	110.
67.7	153.3	20708.2	50.0	-56.6	99.9	11.5	6.3	-1.2	-6.1	518.2	329.9	99.9	99.9	68.2	110.
80.6	163.7	25208.5	25.0	-45.1	99.9	599.9	99.9	99.9	99.9	643.8	329.9	99.9	99.9	63.5	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* 9V TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 240
 STEPHENVILLE, TEXAS

 26 APRIL 1979
 1705 647

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.5	359.0	960.6	24.8	15.1	200.0	6.2	2.1	5.0	301.4	332.0	11.4	53.0	0.0	0.
9.9	99.9	59.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.5	654.3	550.0	23.2	15.5	213.0	6.8	5.4	4.1	306.6	332.2	11.7	61.7	0.2	27.
1.2	14.9	728.6	525.0	21.3	15.2	218.9	6.4	4.1	5.1	301.1	333.0	11.9	68.5	0.4	39.
2.2	17.3	965.7	900.0	15.2	15.0	229.5	6.5	6.4	5.5	301.3	333.6	12.0	76.4	0.9	37.
3.3	19.8	1206.1	875.0	23.7	11.4	248.5	9.7	9.1	3.4	308.4	335.7	9.8	46.4	1.5	49.
4.2	22.2	1462.2	850.0	23.5	-9.8	250.1	9.9	5.3	3.4	310.6	317.4	2.1	10.1	1.9	54.
4.9	24.7	1721.0	825.0	21.3	-8.3	246.0	9.4	8.6	3.8	311.1	318.7	2.5	12.9	2.4	57.
5.0	27.2	1955.7	800.0	19.1	-12.6	250.0	9.5	6.9	3.2	311.8	317.2	1.8	10.5	2.8	58.
6.6	29.8	2256.6	775.0	16.7	-16.5	256.3	9.9	9.6	2.3	311.6	316.1	1.4	8.8	3.3	61.
7.7	32.4	2534.1	750.0	14.3	-15.7	253.4	9.8	9.4	2.8	312.1	316.0	1.5	11.0	3.9	63.
8.7	35.1	2811.9	725.0	11.6	-17.2	247.3	10.4	9.6	4.0	312.2	316.5	1.4	11.6	4.6	64.
9.8	37.8	3110.1	700.0	9.1	-14.5	246.9	11.2	10.3	4.4	312.6	318.3	1.8	17.5	5.3	64.
10.9	40.4	3406.7	675.0	6.8	-16.7	252.5	13.1	12.5	3.9	312.6	317.8	1.5	17.1	6.0	65.
11.9	43.3	3717.7	650.0	3.9	-16.8	260.2	14.1	13.9	2.4	313.4	318.4	1.6	20.3	6.9	66.
12.1	46.2	4034.6	625.0	1.0	-19.2	268.4	14.0	14.0	0.4	313.6	317.9	1.3	20.3	7.8	69.
14.2	49.1	4361.0	600.0	-1.6	-20.3	271.7	14.4	14.4	-0.4	314.3	318.4	1.3	22.4	8.7	71.
15.5	52.2	4658.2	575.0	-4.3	-17.1	273.2	16.1	16.1	-0.9	315.0	320.3	1.7	36.0	9.8	73.
16.7	55.2	5046.7	550.0	-7.2	-19.4	272.9	17.0	17.0	-0.9	315.6	320.4	1.5	36.9	11.0	76.
14.0	58.3	5403.6	525.0	-9.8	-21.5	280.0	16.3	16.1	-2.8	316.6	320.8	1.3	37.8	12.3	78.
15.5	61.5	5782.1	500.0	-12.6	-23.9	291.0	17.5	16.3	-6.3	317.7	321.3	1.1	39.2	13.6	81.
21.1	64.8	6171.9	475.0	-19.1	-26.8	283.6	18.1	17.6	-4.2	319.3	322.8	1.1	42.9	15.0	84.
22.5	69.0	6578.7	450.0	-17.8	-23.7	284.0	18.6	18.0	-4.5	320.6	324.9	1.2	60.1	16.6	85.
24.0	71.6	7003.7	425.0	-21.4	-27.2	294.2	18.7	17.1	-7.7	321.6	324.8	1.0	59.4	18.1	87.
25.5	75.1	7447.4	400.0	-25.2	-30.0	297.8	19.5	17.3	-9.1	322.2	324.9	0.8	63.9	19.6	90.
27.0	79.8	7912.0	375.0	-28.9	-34.6	296.6	20.2	18.0	-9.0	323.4	325.3	0.5	57.4	21.2	92.
29.7	82.7	8402.8	350.0	-33.1	-39.4	308.5	20.9	18.0	-10.6	323.3	325.3	0.3	51.0	23.1	94.
32.5	86.7	8919.5	325.0	-37.2	-45.4	308.8	22.5	17.5	-14.1	325.4	326.2	0.2	41.8	25.0	97.
32.4	93.9	9467.0	300.0	-42.1	99.9	307.4	22.3	17.7	-13.5	326.1	326.9	99.9	99.9	27.3	100.
36.6	95.2	10049.9	275.0	-47.6	99.9	303.8	20.6	17.1	-11.5	326.2	326.9	99.9	99.9	30.0	102.
36.9	99.8	10671.5	250.0	-52.3	99.9	301.9	20.0	17.0	-10.6	326.4	326.9	99.9	99.9	32.4	104.
37.3	104.8	11347.8	225.0	-55.1	99.9	308.3	22.9	18.0	-14.2	324.1	326.9	99.9	99.9	35.2	106.
41.0	110.2	12094.5	200.0	-57.8	99.9	302.2	32.4	27.5	-17.3	341.3	326.9	99.9	99.9	39.5	108.
44.9	115.8	12928.1	175.0	-63.8	99.9	313.7	36.5	27.8	-26.6	344.7	326.9	99.9	99.9	45.5	110.
46.3	122.0	13862.1	150.0	-66.0	99.9	308.7	33.6	26.2	-21.0	356.3	326.9	99.9	99.9	52.8	114.
51.9	129.0	14928.2	125.0	-64.6	99.9	302.2	23.1	18.7	-11.8	377.0	326.9	99.9	99.9	59.6	115.
56.8	137.0	16362.4	100.0	-59.6	99.9	99.9	99.9	99.9	99.9	412.4	326.9	99.9	99.9	64.1	114.
99.9	99.9	99.9	99.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
WIPACVILLE, TEXAS

25 APRIL 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP C	WIND G	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GFM	WIND PCT	RANGE KM	AZ DG
3.0	11.4	399.0	659.0	29.7	16.7	193.0	3.6	0.6	3.5	306.3	340.7	12.6	46.0	0.0	0.
5.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.3	12.3	483.2	950.0	28.7	17.5	194.9	5.5	1.6	5.2	306.3	342.9	13.4	51.0	0.1	10.
5.9	14.7	720.1	950.0	26.3	16.8	201.3	5.6	2.0	5.2	306.2	342.1	13.1	55.0	0.3	14.
1.9	17.2	961.2	900.0	23.7	15.4	211.1	5.1	2.6	4.3	306.6	339.8	12.4	59.5	0.5	21.
2.4	19.6	1207.1	875.0	21.6	14.0	217.2	5.6	3.4	4.5	306.3	339.9	12.3	65.4	0.7	20.
3.0	22.1	1458.0	850.0	19.0	13.6	221.8	6.2	4.1	4.6	306.1	338.0	11.6	70.0	0.9	20.
3.8	24.6	1714.2	825.0	16.6	12.3	232.4	6.2	6.5	5.0	306.1	336.4	11.0	75.9	1.2	32.
4.7	27.2	1976.4	800.0	16.1	5.3	249.2	13.2	12.4	4.7	308.2	328.2	7.0	80.7	1.7	40.
5.0	29.9	2245.9	775.0	16.1	17.5	261.3	14.4	16.2	2.5	311.2	315.1	1.2	84	2.8	54.
7.3	32.4	2522.9	750.0	14.3	19.2	270.5	15.5	15.5	-0.1	312.1	315.7	1.1	8.2	4.0	45.
9.7	35.2	2837.4	725.0	12.1	19.7	272.3	15.1	15.0	-1.4	312.6	316.4	1.0	9.1	5.1	72.
11.0	40.7	3359.6	675.0	6.9	19.4	269.6	14.1	14.1	-0.1	313.4	317.3	1.2	13.2	7.0	70.
12.0	41.6	3768.0	650.0	4.2	18.2	271.9	12.8	12.8	-0.4	313.7	318.2	1.4	17.7	7.8	79.
13.2	46.4	4025.4	625.0	1.7	18.0	278.9	12.1	12.0	-1.4	314.4	319.1	1.5	21.4	8.7	80.
14.5	47.4	4322.7	600.0	-1.1	17.8	279.1	13.4	13.2	-2.1	314.4	320.1	1.7	28.7	9.6	82.
14.9	52.4	4690.4	575.0	-3.9	19.1	276.4	15.3	15.2	-1.7	315.4	320.1	1.5	29.4	10.0	84.
17.4	53.4	5235.3	550.0	-7.0	19.3	277.9	15.4	15.3	-2.1	315.8	320.6	1.5	36.6	12.1	85.
19.9	59.6	5400.6	525.0	-9.0	20.6	279.9	16.8	16.5	-2.9	317.6	322.2	1.4	38.4	13.5	87.
21.3	61.9	5777.0	500.0	-10.9	20.7	287.3	18.5	17.6	-5.5	319.6	322.6	0.8	25.0	14.9	88.
21.8	65.1	6162.8	475.0	-14.1	30.4	296.1	18.9	17.0	-8.3	320.5	322.6	0.6	23.5	16.5	91.
21.3	69.6	6577.0	450.0	-17.2	30.8	301.7	19.7	16.8	-10.3	321.7	323.2	0.4	19.8	19.0	93.
23.8	72.0	7002.3	425.0	-20.9	30.7	309.0	19.4	15.1	-12.2	322.2	323.6	0.4	22.4	19.6	96.
25.6	75.7	7447.0	400.0	-24.7	31.7	311.7	15.3	14.4	-12.8	323.0	323.9	0.3	20.1	21.2	99.
27.4	79.4	7913.9	375.0	-27.9	34.7	308.5	21.5	16.0	-13.4	324.7	324.9	0.1	5.7	23.3	102.
30.4	83.3	8406.1	350.0	-31.7	33.5	317.9	22.5	15.1	-16.7	326.1	326.2	0.0	2.4	25.4	105.
32.2	87.3	8925.4	325.0	-36.2	32.8	327.4	25.6	13.8	-21.6	328.7	326.6	0.0	4.5	27.5	108.
34.4	91.5	9475.6	300.0	-40.7	39.9	321.5	30.6	19.1	-24.0	328.0	99.9	99.9	99.9	30.6	113.
36.7	95.0	10061.6	275.0	-45.2	39.9	315.0	34.5	24.4	-24.4	329.7	99.9	99.9	99.9	34.4	116.
39.0	100.8	10698.0	250.0	-50.6	39.9	313.4	33.7	24.5	-23.2	330.5	99.9	99.9	99.9	39.2	118.
41.2	105.8	11365.5	225.0	-54.7	39.9	311.1	31.1	22.3	-21.7	334.2	99.9	99.9	99.9	43.3	120.
43.7	111.2	12111.9	200.0	-60.4	39.9	312.4	38.2	26.2	-25.7	337.1	99.9	99.9	99.9	48.1	121.
46.5	117.0	12937.9	175.0	-66.9	39.9	317.3	41.7	28.3	-30.7	340.5	99.9	99.9	99.9	53.5	122.
49.4	123.5	13882.0	150.0	-66.3	39.9	305.4	36.8	30.0	-21.4	355.9	99.9	99.9	99.9	61.4	124.
52.9	130.7	15007.5	125.0	-55.3	39.9	305.7	23.5	19.1	-13.7	387.6	99.9	99.9	99.9	69.1	123.
57.3	137.0	16366.3	100.0	-55.6	39.9	281.6	11.7	11.5	-2.4	412.6	99.9	99.9	99.9	72.5	123.
61.3	147.5	18190.6	75.0	-41.2	39.9	275.3	10.8	10.7	-1.0	444.7	99.9	99.9	99.9	77.2	122.
65.7	157.8	20272.0	50.0	-37.0	39.9	200.0	4.9	1.7	4.0	507.2	99.9	99.9	99.9	77.8	122.
83.7	166.7	25236.2	25.0	-47.6	39.9	119.2	0.1	-5.3	3.0	648.3	99.9	99.9	99.9	76.0	122.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 500
 STEPHENVILLE, TEXAS

 25 APRIL 1979
 2300 GMT

103 13. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM ACT	RANGE KM	AZ DEG
3.0	10.0	399.0	557.1	31.4	10.7	240.0	3.4	3.1	1.0	308.4	332.3	8.5	20.0	0.0	0.
92.0	92.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
93.0	93.0	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.1	10.7	455.8	550.0	30.9	11.9	241.6	2.0	2.3	1.4	308.2	336.3	9.3	31.3	0.1	43.
3.8	13.1	703.9	925.0	29.1	11.6	240.0	3.0	2.6	1.5	309.0	335.2	9.3	33.9	0.2	62.
1.5	15.5	946.9	900.0	26.8	10.9	239.0	4.1	3.5	2.1	309.1	336.0	9.1	37.0	0.4	60.
2.5	17.0	1190.6	875.0	24.3	10.3	246.1	4.2	3.8	1.7	309.0	336.4	9.0	41.2	0.6	42.
3.4	22.4	1487.7	850.0	22.1	10.4	249.2	3.5	3.3	1.2	309.3	335.7	9.4	47.4	0.8	62.
4.4	25.9	1732.1	825.0	19.3	9.4	248.9	3.5	3.3	1.3	309.0	334.5	9.1	52.7	1.0	65.
5.4	29.4	1973.2	800.0	17.0	9.6	235.4	3.6	3.0	2.0	309.2	334.2	8.9	53.0	1.2	64.
5.9	31.0	2235.0	775.0	14.5	7.1	233.3	3.9	3.1	2.3	309.2	332.8	8.2	60.0	1.5	62.
7.5	32.7	2515.4	750.0	11.3	4.7	234.5	4.0	4.0	1.9	309.4	329.9	7.2	61.4	1.7	61.
1.5	33.3	2733.5	725.0	8.2	-1.9	231.0	6.2	6.1	1.9	309.7	323.2	4.6	42.6	2.0	63.
2.5	35.1	3032.5	700.0	5.3	-12.2	233.5	9.7	11.6	1.5	312.0	319.5	2.1	23.5	3.2	71.
10.7	37.9	3252.2	675.0	2.5	-12.8	232.6	11.7	13.6	1.5	313.0	319.6	1.9	24.1	4.1	73.
11.9	41.7	3523.4	650.0	4.1	-10.8	232.8	13.1	13.1	1.4	313.2	319.6	1.9	24.1	4.1	73.
13.1	45.6	3835.0	625.0	1.9	-21.1	235.3	13.3	13.8	1.1	313.7	318.3	1.1	16.2	5.1	76.
14.4	49.5	4246.0	600.0	0.0	-19.5	275.0	15.5	15.5	-1.5	316.2	320.5	1.4	21.2	6.2	78.
15.5	53.5	4523.2	575.0	-2.9	-23.2	291.8	16.7	15.5	-6.2	314.7	321.0	1.3	24.0	7.3	82.
17.0	57.5	5023.5	550.0	-5.7	-26.8	301.4	18.3	15.7	-9.5	317.2	321.7	1.3	29.2	8.4	88.
19.4	61.7	5523.6	525.0	-8.3	-29.4	299.3	20.5	13.0	-10.1	313.2	322.4	1.1	26.6	9.9	93.
22.1	65.1	5723.0	500.0	-10.4	-27.5	299.1	23.9	12.5	-9.9	320.4	323.1	0.8	23.0	11.0	98.
21.6	68.4	6125.5	475.0	-13.3	-27.0	300.0	26.2	15.8	-9.1	321.2	322.5	0.3	11.0	13.5	100.
23.1	72.9	6525.3	450.0	-15.5	-29.9	302.0	28.6	13.1	-5.4	323.6	323.9	0.1	3.0	15.0	102.
25.6	77.3	7025.9	425.0	-17.2	-31.9	309.5	30.8	10.7	-0.8	324.9	324.7	0.1	4.0	16.1	104.
29.0	81.9	7525.2	400.0	-20.2	-34.9	305.4	32.2	13.2	-9.4	325.9	325.2	0.1	4.5	17.3	106.
27.7	77.7	7921.0	375.0	-22.2	-36.5	305.5	30.8	17.9	-10.6	325.7	326.0	0.1	8.8	19.0	107.
29.3	81.5	8413.9	350.0	-24.5	-39.9	305.2	21.6	17.4	-12.7	326.2	326.6	0.1	12.6	21.0	109.
31.1	85.5	8913.6	325.0	-26.5	-41.3	319.6	23.4	15.5	-19.4	327.4	328.0	0.1	14.1	23.2	111.
33.0	89.7	9314.4	300.0	-28.2	-42.3	321.5	22.1	19.9	-23.1	328.7	329.9	99.9	99.9	26.1	115.
34.0	91.2	10373.5	275.0	-30.5	-42.9	315.3	29.1	27.7	-27.7	329.3	329.9	99.9	99.9	30.1	118.
37.1	97.8	10773.7	250.0	-32.5	-42.9	314.3	43.2	33.9	-30.1	322.6	329.9	99.9	99.9	35.3	121.
39.8	103.8	11253.0	225.0	-34.1	-42.9	315.0	41.1	29.1	-29.1	324.0	329.9	99.9	99.9	41.9	123.
42.1	108.2	12125.6	200.0	-35.1	-42.9	312.2	45.6	34.2	-29.7	325.2	329.9	99.9	99.9	48.7	125.
44.3	114.5	12935.6	175.0	-35.4	-42.9	311.9	44.2	34.6	-31.3	327.7	329.9	99.9	99.9	55.9	125.
47.9	121.0	13932.2	150.0	-35.3	-42.9	311.9	34.2	25.5	-22.9	327.2	329.9	99.9	99.9	62.5	126.
51.7	127.0	15011.2	125.0	-32.7	-42.9	302.2	26.7	22.6	-14.2	331.4	329.9	99.9	99.9	69.2	126.
54.1	134.0	16335.6	100.0	-33.1	-42.9	289.1	13.8	13.0	-4.6	423.8	329.9	99.9	99.9	74.4	126.
61.5	145.0	18125.8	75.0	-31.2	-42.9	286.1	12.0	12.3	-3.5	444.6	329.9	99.9	99.9	79.2	126.
68.5	153.5	20713.1	50.0	-32.0	-42.9	211.0	4.8	3.7	-3.2	525.6	329.9	99.9	99.9	87.0	125.
72.4	157.0	22102.2	25.0	-37.0	-42.9	590.9	99.9	99.9	99.9	609.6	329.9	99.9	99.9	99.0	126.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 260
ST. PHEWILLE, TEXAS26 APRIL 1979
205 G4T

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/SEC	RH PCT	RANGE KM	AZ DEG
3.0	11.6	395.0	450.7	24.7	16.4	350.0	9.3	1.4	-9.2	301.5	334.7	12.4	60.0	0.0	0.
9.0	92.9	96.9	1000.0	99.9	99.9	99.9	9.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	12.5	479.1	950.0	24.0	17.1	332.8	10.3	4.7	-9.2	301.5	336.4	13.0	65.4	0.4	160.
1.4	14.0	712.4	925.0	23.5	16.8	343.5	10.7	3.0	-10.3	302.2	337.7	13.2	70.5	1.0	167.
2.4	17.1	951.1	900.0	21.6	16.3	13.2	4.5	-1.0	-4.4	303.2	339.2	13.1	71.9	1.5	166.
3.3	19.5	1155.7	875.0	20.0	15.4	93.9	2.8	-2.8	0.2	304.2	339.2	12.7	74.9	1.6	170.
4.3	21.9	1445.6	850.0	18.1	15.9	183.7	4.0	0.3	4.0	305.1	341.9	13.6	87.2	1.4	169.
5.2	24.3	1701.7	825.0	16.4	15.1	157.1	4.3	-1.7	4.0	305.9	341.9	13.2	91.0	1.2	168.
6.3	26.7	1983.9	800.0	15.3	11.3	81.6	2.1	-2.1	-0.1	307.5	337.1	13.7	77.5	1.0	175.
7.4	29.2	2233.1	775.0	13.6	8.6	30.0	1.8	1.5	-1.0	308.5	334.1	9.1	71.5	1.0	175.
8.5	31.7	2508.1	750.0	12.0	4.1	258.1	6.3	6.1	1.3	309.4	329.4	6.9	58.8	1.0	161.
9.5	34.3	2792.5	725.0	10.4	-1.4	258.3	9.5	9.7	1.6	310.5	324.9	4.8	43.8	1.2	137.
10.6	6.9	3083.5	700.0	8.5	-5.9	262.5	12.0	11.9	1.6	311.9	322.4	3.5	33.5	1.7	116.
11.7	39.6	3383.0	675.0	6.2	-8.6	277.2	13.6	13.5	-1.7	312.2	321.7	3.0	33.6	2.5	105.
12.8	42.2	3551.4	650.0	4.2	-11.5	290.9	14.5	13.0	-6.6	313.7	321.3	2.4	30.9	3.4	107.
14.1	45.0	4008.8	625.0	1.4	-13.0	307.5	13.3	10.6	-8.1	314.1	321.0	2.2	33.1	4.5	111.
15.2	47.9	4355.8	600.0	-1.5	-14.9	313.1	12.1	8.6	-8.3	314.4	320.7	2.0	34.9	5.3	114.
16.4	50.7	4673.6	575.0	-3.6	-17.9	312.3	9.9	9.9	-9.0	315.2	321.0	1.6	31.8	6.1	117.
17.6	53.6	5023.3	550.0	-6.0	-18.5	301.5	14.8	11.9	-7.3	316.9	322.1	1.6	36.4	7.1	118.
19.0	56.6	5385.9	525.0	-8.6	-19.6	292.1	14.9	13.8	-5.6	318.1	323.0	1.5	40.4	8.3	118.
20.6	59.9	5762.0	500.0	-11.6	-21.3	287.8	16.0	15.2	-4.9	319.5	323.4	1.4	44.3	9.7	117.
22.2	62.9	6133.4	475.0	-14.0	-27.5	290.0	14.9	14.0	-5.1	320.6	323.5	0.8	30.7	11.3	115.
23.9	65.1	6561.6	450.0	-16.6	-33.9	297.5	15.6	13.9	-7.2	322.4	324.0	0.5	20.7	12.6	115.
25.4	65.4	6888.6	425.0	-19.7	-35.9	286.7	18.2	16.3	-8.2	323.7	325.2	0.4	22.1	14.3	115.
27.2	72.9	7435.8	400.0	-23.3	-40.1	301.6	20.7	17.6	-10.8	324.7	325.7	0.3	19.6	16.3	116.
29.6	76.4	7908.6	375.0	-27.1	-42.6	308.7	23.5	18.3	-14.7	325.2	326.6	0.2	21.1	18.2	117.
30.5	80.1	8397.6	350.0	-31.4	-45.9	312.6	26.2	19.3	-17.7	326.5	327.1	0.2	22.1	20.0	110.
32.3	84.0	8917.0	325.0	-36.3	-48.6	313.7	28.6	20.8	-19.9	326.7	327.4	0.2	33.2	23.8	121.
34.3	89.0	9467.5	300.0	-40.1	-49.9	314.3	35.2	25.2	-24.6	328.5	329.9	99.9	999.9	27.6	122.
36.4	92.3	10052.2	275.0	-45.5	-49.9	316.9	37.5	25.7	-27.4	329.3	329.9	99.9	999.9	32.2	124.
38.6	95.8	10682.2	250.0	-51.5	-49.9	316.4	35.4	24.1	-25.8	329.5	329.9	99.9	999.9	36.8	126.
40.9	101.5	11357.4	225.0	-57.1	-49.9	308.7	35.9	28.0	-22.4	331.1	329.9	99.9	999.9	41.7	127.
43.7	104.6	12094.1	200.0	-62.1	-49.9	308.5	46.6	38.4	-26.4	334.4	329.9	99.9	999.9	48.0	127.
46.7	112.2	12717.4	175.0	-62.1	-49.9	311.2	52.1	35.2	-34.3	347.5	329.9	99.9	999.9	57.8	127.
49.3	113.0	13863.1	150.0	-66.0	-49.9	308.6	30.8	24.1	-19.2	356.3	329.9	99.9	999.9	63.0	127.
52.9	124.8	14966.1	125.0	-66.5	-49.9	308.8	26.3	21.6	-18.0	374.7	329.9	99.9	999.9	70.1	127.
57.4	132.3	16324.6	100.0	-64.0	-49.9	250.7	18.2	15.9	-9.0	404.1	329.9	99.9	999.9	75.9	127.
63.2	141.0	18101.3	75.0	-61.6	-49.9	313.4	8.1	5.9	-5.5	443.8	329.9	99.9	999.9	80.0	126.
71.0	151.5	20442.6	50.0	-56.1	-49.9	34.0	4.4	0.9	-4.3	511.4	329.9	99.9	999.9	81.7	127.
83.8	153.5	25127.8	25.0	-48.5	-49.9	0	6.7	-6.6	-0.5	648.3	329.9	99.9	999.9	80.0	128.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

26 APRIL 1979
505 GMT

TIME MIL	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG M	E POT Y DEG M	WX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	11.3	399.0	962.3	18.7	12.7	350.0	7.7	1.3	-7.6	295.1	320.5	9.6	68.0	162	16.0
99.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.2	12.5	511.3	530.0	17.6	12.6	353.4	12.8	1.4	-11.9	295.0	321.0	9.8	73.6	0.3	175.0
0.9	15.0	739.8	525.0	15.6	13.1	357.8	14.7	0.6	-14.7	295.2	322.4	10.3	85.1	0.7	170.0
1.7	17.5	571.3	500.0	15.3	14.1	11.1	14.2	-2.7	-13.9	297.3	327.4	11.4	92.7	1.4	170.0
2.7	20.0	1211.7	675.0	16.0	15.6	33.2	8.0	-4.4	-6.7	300.4	334.7	12.9	97.7	2.1	166.0
3.5	22.5	1459.4	850.0	16.2	16.0	104.8	3.2	-3.2	0.8	303.1	339.7	13.6	98.7	2.2	166.0
4.4	23.1	1714.3	614.0	16.7	14.8	159.4	3.2	-1.1	3.0	306.3	341.8	13.0	88.6	2.1	162.0
5.5	27.7	1376.8	603.0	15.7	8.7	232.0	3.1	2.5	1.9	307.5	332.8	8.9	63.2	2.0	166.0
6.4	30.3	2348.4	775.0	15.2	0.3	267.0	7.1	7.1	0.4	310.1	329.3	5.2	37.2	1.9	166.0
7.4	33.0	2523.1	750.0	14.0	-17.6	269.9	10.1	10.1	0.0	311.6	315.9	1.3	9.6	1.9	170.0
8.5	35.9	2807.2	725.0	11.2	-13.3	277.8	12.3	12.2	-1.7	311.6	317.7	1.9	16.6	2.2	150.0
9.5	38.5	3052.7	700.0	0.8	-12.3	290.5	13.9	13.0	-4.9	312.2	318.8	2.1	21.0	2.8	139.0
10.6	41.3	3378.0	675.0	6.1	-10.2	299.6	15.2	13.2	-7.5	312.5	320.4	2.6	29.9	3.7	130.0
11.7	44.1	3705.4	650.0	3.2	-9.9	300.4	15.9	13.7	-8.0	312.5	321.0	2.8	37.5	4.7	130.0
12.8	47.0	4021.8	625.0	0.4	-9.8	299.2	16.9	14.7	-8.2	312.5	321.7	2.9	46.2	5.8	120.0
14.0	50.0	4347.8	600.0	-2.5	-11.4	298.4	15.2	13.2	-7.5	313.3	321.4	2.7	50.1	7.0	127.0
15.3	53.1	4683.8	575.0	-5.1	-19.5	295.7	13.3	11.9	-5.7	314.0	318.6	1.4	31.3	8.0	126.0
16.4	56.1	5022.4	550.0	-8.3	-17.3	289.6	14.0	13.2	-4.7	316.6	322.3	1.8	41.3	9.9	124.0
17.5	59.4	5355.1	525.0	-8.4	-22.0	285.4	16.8	16.2	-4.5	318.4	322.2	1.2	30.0	10.1	123.0
19.2	62.6	5722.2	500.0	-10.5	-32.5	281.7	15.6	15.3	-3.2	320.1	322.0	0.5	14.3	11.5	120.0
20.6	66.0	6164.8	475.0	-12.8	-58.0	285.2	13.3	12.6	-3.7	322.2	322.3	0.0	1.0	12.6	118.0
22.1	69.4	6574.8	450.0	-15.2	-56.3	290.7	14.9	14.0	-5.3	322.2	323.0	0.0	1.9	13.3	118.0
23.6	72.9	7002.3	425.0	-19.0	-62.0	292.2	15.9	15.0	-5.2	324.4	324.7	0.0	1.0	15.3	117.0
25.2	76.5	7450.5	400.0	-23.8	-53.4	295.5	16.1	15.1	-5.6	325.4	325.8	0.1	6.1	16.7	116.0
26.9	80.3	7916.8	375.0	-27.0	-44.3	293.4	16.3	14.9	-6.5	325.5	326.6	0.2	17.5	18.3	116.0
28.6	84.2	8414.3	350.0	-30.3	-54.0	292.7	18.4	17.0	-7.1	328.0	328.2	0.1	7.9	20.1	116.0
30.6	88.3	8935.2	325.0	-35.3	-47.1	293.4	22.4	20.5	-8.9	328.0	328.6	0.2	28.4	22.5	115.0
32.5	92.5	9498.3	300.0	-39.5	59.9	295.0	23.7	21.5	-10.3	329.7	999.9	99.9	99.9	25.4	115.0
34.8	97.2	10077.6	275.0	-44.5	99.9	308.6	28.0	24.1	-14.3	330.6	999.9	99.9	99.9	28.5	116.0
37.1	101.4	10710.3	250.0	-49.1	99.9	309.7	35.5	30.8	-17.6	333.1	999.9	99.9	99.9	32.9	116.0
39.1	106.8	11392.5	225.0	-55.1	99.9	295.8	38.9	35.1	-15.9	334.1	999.9	99.9	99.9	37.7	116.0
41.5	112.3	12133.2	200.0	-60.9	99.9	290.6	48.1	42.2	-23.0	336.3	999.9	99.9	99.9	43.4	116.0
44.0	118.3	12954.5	175.0	-65.0	99.9	307.3	53.4	42.5	-32.4	342.7	999.9	99.9	99.9	51.7	118.0
46.3	123.7	13858.8	150.0	-69.4	99.9	309.7	41.1	31.6	-25.3	359.1	999.9	99.9	99.9	59.2	119.0
49.4	131.8	14565.2	125.0	-73.0	99.9	301.2	27.1	23.2	-14.0	377.2	999.9	99.9	99.9	64.7	120.0
53.2	139.7	15357.6	100.0	-73.4	99.9	296.6	17.6	16.0	-7.3	403.2	999.9	99.9	99.9	69.3	120.0
58.8	149.0	16133.0	75.0	-78.8	99.9	310.8	8.9	6.7	-5.8	447.5	999.9	99.9	99.9	73.6	120.0
65.2	155.7	20370.1	50.0	-82.0	99.9	49.2	2.8	-2.1	-1.8	502.2	999.9	99.9	99.9	75.4	120.0
78.9	168.7	25114.6	25.0	-81.4	99.9	52.4	4.9	-3.8	-3.0	637.3	999.9	99.9	99.9	73.6	121.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR 714E HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 26 APRIL 1979
 005 GUT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DE C	DEB PT CG C	DIB BC	SPEED M/SEC	W COMP M/SEC	POT T DG K	V COMP M/SEC	POT T DG K	E POT T DG K	W TO CM/KG	RH PCT	RANGE KM	AZ DG
3.0	9.9	355.0	560.0	15.0	9.0	350.0	7.7	1.3	291.2	-7.6	291.2	312.0	7.9	71.0	0.0	0.
9.9	9.9	59.0	1000.0	95.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	9.9	59.0	575.0	95.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	11.3	523.0	550.0	14.3	10.1	0.4	14.4	-0.1	291.7	-14.4	291.7	313.3	8.2	78.2	0.4	182.
1.1	13.6	747.0	925.0	12.1	10.3	2.9	14.6	-0.7	291.7	-14.4	291.7	314.1	8.6	88.6	0.9	181.
1.9	16.1	977.3	900.0	11.1	10.6	16.7	13.0	-3.7	292.5	-12.4	292.5	316.6	9.0	97.1	1.0	184.
2.7	19.5	1216.1	875.0	10.1	10.3	13.2	8.6	-2.0	300.5	-8.4	300.5	330.4	12.7	95.4	2.1	189.
3.7	21.0	1462.4	850.0	15.1	14.8	331.7	4.2	2.0	302.0	-3.7	302.0	335.9	12.6	98.2	2.5	189.
4.7	23.5	1717.5	825.0	16.5	9.9	289.8	4.6	4.4	305.8	-1.6	305.8	332.0	9.4	65.3	2.5	184.
5.6	24.0	1975.8	800.0	16.1	7.5	300.5	6.8	5.9	308.2	-3.4	308.2	331.4	8.2	56.7	2.7	178.
6.6	24.6	2245.6	775.0	13.9	2.2	289.7	6.7	6.3	309.7	-2.3	309.7	325.4	5.8	45.1	2.9	170.
7.6	31.1	2524.4	750.0	12.1	-2.8	274.8	8.1	8.0	310.6	-0.7	310.6	322.0	4.2	35.1	3.1	163.
8.7	33.8	2807.3	725.0	9.9	-5.8	285.7	8.0	6.5	310.2	-2.4	310.2	320.5	3.4	32.6	3.3	156.
9.7	35.4	3097.7	700.0	7.7	-4.3	294.6	10.8	9.9	311.0	-4.5	311.0	322.8	4.0	42.3	3.6	149.
10.9	39.2	3350.2	675.0	5.3	-10.3	300.1	14.1	12.2	311.6	-7.1	311.6	319.4	2.6	31.4	4.6	143.
12.0	42.0	3703.2	650.0	2.8	-9.6	304.7	16.1	13.3	312.1	-9.2	312.1	320.8	2.8	39.6	5.5	139.
13.1	44.9	4019.2	625.0	-0.0	-9.1	309.4	17.1	13.2	312.6	-10.8	312.6	321.8	3.1	50.3	6.7	137.
14.3	47.8	4344.8	600.0	-2.7	-11.4	310.5	18.0	14.3	312.2	-12.2	312.2	321.2	2.7	51.3	7.9	136.
15.5	50.7	4681.1	575.0	-5.0	-17.2	308.7	20.0	15.6	312.2	-12.5	312.2	319.7	1.7	37.6	9.3	135.
16.6	53.6	5022.9	550.0	-7.2	-21.3	300.2	19.9	17.2	315.2	-10.0	315.2	319.8	1.3	31.4	10.7	134.
17.0	56.3	5398.6	525.0	-8.7	-31.2	289.4	18.3	17.3	316.0	-6.1	316.0	319.8	0.5	14.1	12.1	131.
17.3	59.9	5766.7	500.0	-11.6	-24.5	289.3	16.5	15.6	318.5	-5.5	318.5	322.4	1.1	33.7	13.4	129.
20.7	63.1	6152.0	475.0	-14.0	-32.2	292.8	16.3	15.0	320.6	-6.3	320.6	322.5	0.5	20.0	14.7	127.
22.3	65.5	6566.5	450.0	-16.6	-32.9	293.5	17.4	15.9	322.2	-6.9	322.2	324.2	0.5	22.9	16.2	126.
23.9	70.0	6953.1	425.0	-20.0	-39.9	286.8	18.7	17.9	323.2	-5.4	323.2	324.4	0.3	16.7	17.8	125.
25.3	73.6	7400.1	400.0	-23.5	-36.9	280.7	17.1	16.8	324.2	-3.2	324.2	325.9	0.4	28.2	19.4	123.
27.0	77.2	7902.1	375.0	-27.3	-37.2	285.0	16.6	16.3	325.2	-4.4	325.2	326.9	0.4	38.1	20.9	121.
29.7	81.0	8400.8	350.0	-31.3	-38.4	275.6	21.9	21.8	327.2	-2.1	327.2	329.4	0.4	50.0	22.7	120.
31.6	85.0	8921.2	325.0	-35.4	-38.4	275.6	21.9	21.8	327.2	-2.1	327.2	329.4	0.4	73.6	25.0	118.
32.6	89.2	9472.8	300.0	-40.1	99.9	280.5	24.4	24.0	328.5	-4.4	328.5	330.9	99.9	99.9	27.6	116.
34.7	93.5	10061.6	275.0	-44.5	99.9	290.9	26.4	24.6	330.6	-9.4	330.6	330.9	99.9	99.9	30.7	115.
36.5	99.2	10592.1	250.0	-45.8	99.9	295.4	34.0	30.7	332.1	-14.6	332.1	330.9	99.9	99.9	34.4	115.
37.0	13.2	11372.9	225.0	-55.1	99.9	296.1	43.4	39.0	334.1	-19.1	334.1	330.9	99.9	99.9	30.5	115.
41.3	138.5	12115.5	200.0	-60.6	99.9	299.0	55.0	48.1	336.8	-26.7	336.8	330.9	99.9	99.9	46.3	115.
44.1	114.4	12948.7	175.0	-63.3	99.9	303.2	49.9	41.7	340.5	-27.3	340.5	330.9	99.9	99.9	55.7	116.
47.3	120.8	13687.0	150.0	-65.1	99.9	305.2	34.8	28.5	358.8	-20.1	358.8	330.9	99.9	99.9	63.4	117.
50.3	127.7	14590.4	125.0	-65.6	99.9	294.7	30.1	27.3	376.2	-12.5	376.2	330.9	99.9	99.9	69.1	118.
54.1	136.0	16348.4	100.0	-64.1	99.9	293.9	22.4	20.5	404.0	-0.1	404.0	330.9	99.9	99.9	75.1	117.
56.9	144.5	18127.9	75.0	-61.5	99.9	328.5	6.3	3.3	444.1	-5.3	444.1	330.9	99.9	99.9	70.1	117.
65.6	154.3	20846.9	50.0	-54.8	99.9	7.9	6.6	-0.9	502.6	-0.5	502.6	330.9	99.9	99.9	80.8	117.
77.5	160.0	25101.7	25.0	-50.5	99.9	99.9	99.9	99.9	630.2	99.9	630.2	330.9	99.9	99.9	70.5	119.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 26 APRIL 1979
 1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	12.3	399.0	965.4	12.8	7.1	10.0	6.2	-1.1	-6.1	288.0	305.3	6.6	72.0	0.9	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	11.8	533.7	950.0	10.9	7.4	12.1	11.8	-2.5	-11.5	288.1	306.1	6.8	76.4	0.3	188.
1.3	14.2	755.9	925.0	9.7	6.6	23.7	16.7	-6.7	-15.2	289.2	306.6	6.6	81.1	0.9	193.
2.2	15.8	924.4	900.0	11.5	6.8	33.0	1.3	-10.8	-10.6	293.4	312.0	7.0	72.9	2.0	203.
3.0	19.4	1220.7	875.0	11.9	11.8	30.2	17.5	-8.8	-15.2	296.2	322.7	10.0	99.1	2.9	206.
3.9	23.0	1464.0	850.0	11.9	10.7	24.4	15.1	-6.2	-13.7	298.6	324.3	9.6	92.1	3.7	207.
4.7	24.6	1714.0	825.0	10.7	8.1	9.1	11.8	-1.9	-11.6	299.6	324.3	8.3	88.3	4.5	206.
5.6	27.2	1972.0	800.0	13.5	0.7	315.8	6.6	4.6	-4.7	309.5	320.6	5.1	41.9	4.8	203.
6.6	27.9	2233.0	775.0	12.8	-1.0	283.3	6.2	5.9	-2.0	307.5	321.0	4.6	38.8	4.8	199.
7.5	32.4	2513.5	750.0	10.7	3.0	290.0	7.8	7.3	-2.7	308.2	326.4	6.4	59.0	4.8	194.
9.5	35.3	2758.4	725.0	9.2	-5.5	281.5	12.7	12.4	-2.5	309.5	320.0	3.5	34.9	4.8	187.
9.4	38.1	3083.5	700.0	7.6	-8.2	282.6	14.3	13.9	-3.1	310.9	319.8	2.9	31.6	5.0	176.
10.5	41.0	3332.8	675.0	5.0	-7.0	286.1	15.0	14.4	-4.2	311.2	321.3	3.3	41.3	5.3	166.
11.7	43.0	3593.5	650.0	3.1	-7.6	289.2	16.2	15.3	-5.3	311.4	321.3	3.3	48.4	5.9	159.
12.7	45.9	4035.9	625.0	-0.5	-7.5	291.3	16.9	15.7	-6.1	311.9	322.4	3.5	59.0	6.6	153.
13.8	49.9	4330.7	600.0	-3.5	-7.9	293.6	17.0	15.5	-7.1	312.1	322.7	3.5	71.2	7.6	147.
15.1	53.0	4645.5	575.0	-6.6	-8.8	294.2	18.3	16.6	-8.2	312.2	322.6	3.4	84.7	8.7	142.
16.2	56.1	5011.8	550.0	-3.8	-9.8	294.5	21.6	19.7	-9.0	313.6	323.7	3.3	93.0	10.0	139.
17.6	59.3	5372.4	525.0	-9.5	-15.7	294.0	20.6	18.9	-8.4	317.8	323.7	2.1	68.7	11.6	135.
19.9	62.6	5747.5	500.0	-12.3	-10.0	291.5	19.1	17.8	-7.0	319.0	323.9	1.9	62.5	13.1	133.
20.3	66.0	6137.8	475.0	-15.0	-20.4	13.3	18.6	18.1	-4.3	319.5	324.6	1.6	63.1	14.5	130.
21.7	69.4	6544.8	450.0	-18.1	-23.2	280.2	20.3	20.0	-3.6	320.2	325.1	1.4	69.8	15.9	127.
23.1	72.9	6988.4	425.0	-21.1	-26.0	278.8	20.3	20.2	-1.7	322.0	325.6	1.1	66.6	17.5	124.
24.7	76.6	7414.4	400.0	-24.6	-29.6	272.0	21.9	21.9	-0.8	323.0	325.8	0.8	62.9	19.1	121.
26.4	81.1	7880.6	375.0	-28.3	-32.2	273.4	23.9	23.7	-2.7	324.1	326.5	0.7	69.1	21.3	118.
28.1	84.1	8372.3	350.0	-31.7	-37.1	235.0	24.6	24.6	-7.1	326.1	327.7	0.4	58.5	23.6	116.
30.0	83.3	8893.1	325.0	-35.4	-43.7	292.0	25.7	23.8	-0.6	327.9	328.8	0.2	41.6	25.6	116.
31.9	92.6	9444.9	300.0	-40.1	-50.7	292.3	29.0	28.9	-11.0	328.5	329.9	99.9	999.9	29.7	115.
33.9	97.0	10032.6	275.0	-44.7	-59.9	291.1	30.9	23.8	-11.1	330.5	329.9	99.9	999.9	33.3	115.
36.1	101.8	10562.2	250.0	-50.7	-69.9	292.5	32.5	30.0	-12.4	330.7	329.9	99.9	999.9	37.4	115.
38.4	104.8	11340.0	225.0	-55.1	-79.9	292.5	42.3	39.1	-16.2	332.5	329.9	99.9	999.9	42.3	116.
41.0	112.2	12090.7	200.0	-59.7	-89.9	293.5	55.1	49.7	-23.8	336.6	329.9	99.9	999.9	49.9	114.
43.5	113.2	12701.7	175.0	-65.1	-99.9	300.0	51.6	44.7	-25.8	342.6	329.9	99.9	999.9	58.5	115.
46.4	124.5	13945.9	150.0	-53.4	-99.9	297.3	32.7	29.0	-15.0	359.1	329.9	99.9	999.9	65.2	115.
49.7	131.7	14948.4	125.0	-45.3	-99.9	294.0	32.6	29.8	-13.3	374.1	329.9	99.9	999.9	71.9	115.
53.8	139.7	16313.9	100.0	-62.7	-99.9	296.2	21.3	19.1	-9.4	406.3	329.9	99.9	999.9	79.1	115.
56.4	149.0	18098.4	75.0	-61.3	-99.9	315.6	0.3	5.8	-5.9	443.3	329.9	99.9	999.9	82.8	115.
67.1	159.3	20603.1	50.0	-57.6	-99.9	304.9	5.9	4.8	-3.4	507.7	329.9	99.9	999.9	85.1	117.
79.5	169.7	25063.0	25.0	-48.3	-99.9	177.4	2.2	-0.1	2.2	646.3	329.9	99.9	999.9	83.3	117.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

25 APRIL 1979
1105 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
3.0	9.5	314.0	971.2	17.8	15.8	110.0	5.1	-4.0	1.7	293.4	323.8	11.7	99.0	159	11.0
99.9	99.9	99.9	1020.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.5	503.5	950.0	17.7	16.5	132.3	10.2	-4.7	9.0	295.1	327.9	12.6	92.8	0.4	312.
1.4	12.7	732.4	925.0	18.2	16.1	178.0	10.3	-0.4	10.5	297.5	331.1	12.6	87.6	0.9	329.
2.3	15.1	968.3	900.0	19.4	12.4	192.9	10.4	2.3	10.1	301.2	329.1	10.2	88.0	1.3	345.
3.2	17.4	1212.2	875.0	21.2	5.7	195.8	9.6	2.6	9.2	305.8	324.4	6.6	36.3	1.8	353.
4.0	19.8	1463.0	850.0	21.2	0.3	203.4	9.2	3.6	8.4	308.4	321.8	4.6	24.7	2.3	358.
4.9	22.2	1726.8	825.0	19.9	4.8	214.6	9.2	5.2	7.6	309.6	320.6	6.6	37.2	2.7	36.
5.8	24.7	1985.0	800.0	18.2	2.5	229.4	7.1	5.4	4.6	310.2	327.2	5.7	35.0	3.1	9.
6.8	27.2	2256.2	775.0	17.1	-4.5	273.4	5.4	5.4	-0.3	312.2	322.9	3.6	22.5	3.2	14.
7.7	29.7	2534.6	750.0	15.0	-7.3	297.0	6.4	5.7	-2.9	312.8	321.9	2.9	20.7	3.2	19.
9.7	32.3	2815.9	725.0	12.3	-9.3	307.8	6.8	5.4	-0.2	313.6	321.0	2.6	21.0	3.2	27.
9.8	34.9	3112.3	700.0	9.3	-10.1	314.0	6.9	4.9	-0.8	312.6	320.6	2.5	25.1	3.1	34.
10.9	37.6	3412.4	675.0	6.7	-10.3	315.3	7.8	5.5	-5.5	313.2	321.1	2.7	28.3	3.0	43.
11.9	40.2	3720.8	650.0	4.0	-10.4	318.3	9.6	6.4	-7.2	313.2	321.7	2.7	34.1	3.0	53.
13.1	43.0	4037.9	625.0	0.8	-8.2	312.9	11.7	8.5	-8.0	313.2	323.3	3.3	51.1	3.2	67.
14.3	45.8	4344.3	600.0	-2.5	-7.9	305.3	13.9	11.2	-8.3	313.3	323.9	3.5	66.2	3.7	79.
15.6	48.7	4700.7	575.0	-5.4	-9.7	309.5	15.0	11.6	-10.5	313.7	323.4	3.2	71.9	4.6	90.
16.7	51.6	5046.5	550.0	-7.4	-20.7	312.7	13.6	8.6	-8.4	316.5	319.7	1.4	33.9	5.3	98.
17.8	54.6	5409.4	525.0	-5.6	-39.7	312.0	12.6	9.3	-10.4	316.5	317.8	0.2	6.4	6.0	103.
19.2	57.8	5785.3	500.0	-11.1	-56.9	293.8	13.7	12.6	-5.5	319.6	319.7	0.0	1.0	7.0	106.
20.4	60.9	6177.1	475.0	-13.9	-59.7	291.8	12.9	12.0	-0.8	320.2	320.9	0.0	1.0	8.0	107.
21.9	64.1	6595.0	450.0	-17.0	-60.4	293.4	11.9	11.0	-0.7	321.5	322.0	0.0	1.1	9.0	107.
23.3	67.4	7012.2	425.0	-19.5	-45.4	295.3	14.8	13.4	-6.3	324.0	324.6	0.2	8.2	10.1	108.
24.7	70.9	7459.0	400.0	-23.2	-44.8	295.2	18.9	17.1	-8.0	324.5	325.6	0.2	12.7	11.6	109.
26.4	74.4	7927.8	375.0	-27.3	-47.2	294.2	21.2	19.4	-10.2	325.8	327.0	0.3	48.8	15.7	111.
28.1	78.1	8428.0	350.0	-31.9	-39.4	294.3	22.4	20.4	-10.0	327.0	327.9	0.2	45.7	18.1	111.
29.6	82.0	8939.3	325.0	-36.1	-43.5	294.3	24.4	22.2	-10.0	328.0	327.9	0.2	45.7	21.2	112.
31.8	86.0	9450.8	300.0	-40.3	99.9	297.4	25.8	22.9	-11.9	328.6	327.9	0.2	45.7	21.2	112.
33.9	90.3	10077.6	275.0	-43.7	99.9	301.6	26.7	22.8	-10.0	329.1	327.9	0.2	45.7	21.2	112.
36.1	94.9	10705.6	250.0	-49.6	99.9	307.2	31.5	25.1	-19.1	330.5	327.9	0.2	45.7	21.2	112.
38.3	99.4	11355.1	225.0	-53.3	99.9	317.4	37.7	25.5	-27.7	333.6	327.9	0.2	45.7	21.2	112.
41.0	104.6	12126.7	200.0	-61.2	99.9	318.2	43.7	29.2	-32.6	335.5	327.9	0.2	45.7	21.2	112.
43.8	110.0	12949.2	175.0	-63.5	99.9	311.5	54.8	40.4	-35.8	345.1	327.9	0.2	45.7	21.2	112.
47.0	116.0	13959.0	150.0	-66.3	99.9	315.7	45.8	32.0	-32.7	356.0	327.9	0.2	45.7	21.2	112.
50.6	122.8	14979.6	125.0	-65.5	99.9	296.3	36.7	32.9	-16.3	369.2	327.9	0.2	45.7	21.2	112.
55.0	130.3	16332.7	100.0	-62.2	99.9	296.5	24.8	22.2	-11.1	407.2	327.9	0.2	45.7	21.2	112.
60.6	139.0	18092.6	75.0	-63.5	99.9	296.9	9.1	8.1	-4.1	439.7	327.9	0.2	45.7	21.2	112.
62.3	143.0	20575.1	50.0	-55.9	99.9	323.8	4.2	2.5	-3.4	802.4	327.9	0.2	45.7	21.2	112.
80.6	165.0	25015.4	25.0	-49.8	99.9	599.9	99.9	99.9	99.9	643.7	327.9	0.2	45.7	21.2	112.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 201
 CEL R33, TEXAS

 25 APRIL 1979
 1415 GAT

TIME M/Y	CNTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.6	314.0	572.5	19.3	16.5	140.3	4.1	-2.6	3.1	294.8	326.8	12.3	84.0	0.0	0.
55.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	59.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.7	515.0	550.0	17.1	15.9	99.9	99.9	99.9	99.9	294.2	326.1	12.1	93.0	999.9	999.9
1.5	13.1	744.2	525.0	20.4	13.7	99.9	99.9	99.9	99.9	300.1	329.0	10.7	65.7	999.9	999.9
2.6	15.5	582.9	900.0	24.4	3.6	239.6	8.5	7.4	4.3	306.7	322.5	5.5	25.8	0.6	39.
3.3	17.9	1229.0	675.0	23.4	5.0	248.6	8.5	7.9	3.1	308.1	326.1	6.3	30.5	1.1	49.
4.1	20.3	1491.1	850.0	21.6	6.8	273.3	7.1	7.1	-0.4	308.4	329.7	7.4	38.3	1.4	57.
5.1	22.6	1735.1	825.0	19.5	5.3	283.6	7.7	7.5	-1.8	309.2	328.7	6.8	39.3	1.7	67.
6.1	25.2	2002.9	800.0	17.3	2.8	288.2	9.5	0.3	-4.5	309.6	326.6	5.9	37.9	2.1	76.
7.1	27.8	2273.2	775.0	15.9	-0.2	305.2	6.2	6.7	-4.7	310.5	325.3	4.9	33.4	2.5	86.
8.1	30.3	2550.7	750.0	14.0	-2.2	305.4	7.2	5.9	-4.2	311.8	324.8	4.4	32.5	2.9	92.
9.1	32.9	2935.2	725.0	11.6	-3.3	295.4	7.1	6.4	-3.0	312.2	324.5	4.1	35.0	3.2	95.
10.1	35.5	3127.4	700.0	9.2	-5.3	286.5	6.8	6.5	-1.9	312.7	323.8	3.7	35.5	3.7	97.
11.1	38.2	3427.4	675.0	6.7	-6.8	288.7	5.9	5.5	-1.9	313.2	323.4	3.4	37.3	4.1	94.
12.2	41.0	3733.7	650.0	4.0	-5.1	295.5	6.7	6.5	-1.3	313.5	324.7	3.7	47.5	4.4	99.
13.3	43.3	4033.3	625.0	0.9	-5.6	291.4	0.6	8.4	-1.7	313.5	325.6	4.0	61.9	4.9	99.
14.4	45.5	4333.3	600.0	-1.2	-7.3	284.0	11.5	11.2	-2.8	314.8	325.9	3.7	62.9	5.6	99.
15.6	47.6	4718.7	575.0	-3.6	-9.7	293.1	10.8	13.5	-5.7	315.6	325.5	3.2	62.2	6.6	101.
16.9	52.6	5062.6	550.0	-5.3	-11.4	300.9	15.3	13.2	-7.9	316.6	325.6	2.9	67.0	7.7	103.
18.1	55.6	5430.8	525.0	-3.5	-33.2	310.4	14.8	11.2	-9.6	318.0	319.6	0.4	11.6	8.7	106.
19.4	58.8	5805.9	500.0	-11.6	-33.8	314.1	13.2	9.5	-9.2	318.5	320.4	0.4	13.9	9.6	109.
20.7	62.0	6197.4	475.0	-14.6	-34.7	305.2	13.8	11.2	-8.0	319.5	321.4	0.4	16.2	10.6	111.
22.1	65.3	6504.6	450.0	-17.1	-22.1	299.6	17.1	13.8	-7.9	321.6	323.7	0.6	25.7	11.9	112.
23.6	68.7	7031.2	425.0	-19.9	-31.9	307.2	17.1	13.7	-10.4	323.4	325.6	0.6	33.2	13.3	113.
25.1	72.3	7477.6	400.0	-23.5	-34.7	311.5	10.6	13.9	-12.3	324.5	326.2	0.5	34.5	14.5	115.
26.7	75.9	7946.7	375.0	-25.6	-40.7	295.1	23.2	18.0	-13.1	326.4	327.4	0.3	24.9	16.7	117.
28.3	79.6	8431.7	350.0	-30.2	-44.2	302.0	23.2	19.7	-12.3	329.1	328.9	0.2	23.7	18.9	117.
30.0	83.4	8934.6	325.0	-34.4	-47.8	293.9	24.7	20.5	-13.8	329.2	329.8	0.2	24.1	21.3	118.
31.8	87.5	9515.0	300.0	-39.0	-51.6	307.9	7.2	23.3	-17.9	330.4	330.8	0.1	24.6	24.2	119.
33.7	91.7	10109.2	275.0	-44.1	-59.9	310.8	31.5	23.8	-20.6	331.3	331.3	99.9	999.9	27.6	120.
35.0	95.2	10740.7	250.0	-49.6	-59.9	313.2	37.5	25.5	-21.5	332.2	332.2	99.9	999.9	31.9	122.
36.3	101.0	11420.5	225.0	-54.1	-59.9	313.2	37.5	27.4	-25.7	333.4	333.4	99.9	999.9	36.7	123.
40.8	105.0	12161.0	200.0	-63.4	-63.4	311.3	44.3	33.2	-29.2	337.2	337.2	99.9	999.9	42.7	125.
43.5	111.6	12932.2	175.0	-62.5	-59.9	309.6	52.2	40.2	-33.3	346.9	346.9	99.9	999.9	50.7	125.
46.3	117.8	13934.6	150.0	-66.4	-66.4	313.9	43.8	31.6	-30.4	355.6	355.6	99.9	999.9	59.0	126.
49.6	124.3	15025.4	125.0	-71.0	-69.9	297.7	34.3	20.3	-15.9	366.2	366.2	99.9	999.9	66.6	126.
53.6	132.0	16385.5	100.0	-61.1	-69.9	308.3	10.3	15.1	-12.0	409.7	409.7	99.9	999.9	72.8	126.
54.9	141.0	18158.6	75.0	-63.3	-69.9	298.3	8.0	7.2	-3.6	440.2	440.2	99.9	999.9	76.5	126.
56.5	151.0	20655.4	50.0	-52.8	-59.9	297.6	4.0	3.7	1.5	505.0	505.0	99.9	999.9	78.2	125.
78.4	162.0	25133.5	25.0	-43.6	-43.6	04.6	9.1	-9.1	-0.8	645.0	645.0	99.9	999.9	74.6	127.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

25 APRIL 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	WIND RTG CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	8.8	314.0	972.4	24.2	18.6	240.8	1.5	1.3	0.8	301.8	14.0	63.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.9	519.1	950.0	23.7	17.0	328.0	1.2	0.6	-1.0	301.2	13.0	66.3	0.0	107.
1.5	13.3	752.7	925.0	24.5	13.7	293.4	4.9	0.5	-2.0	304.3	10.0	51.3	0.2	120.
2.4	15.7	993.2	900.0	24.4	11.1	291.6	6.3	5.0	-2.3	306.7	9.3	43.1	0.5	110.
3.2	18.1	1239.4	875.0	24.0	-1.5	308.6	7.4	5.8	-4.5	309.2	3.9	18.4	0.8	110.
4.1	21.6	1491.0	850.0	22.2	-3.6	311.8	9.6	7.2	-6.4	319.7	3.5	17.5	1.3	121.
5.0	23.1	1745.7	825.0	20.8	-5.8	314.8	10.0	7.1	-7.1	310.6	3.0	16.1	1.0	120.
5.9	23.5	2014.2	800.0	18.7	-7.0	317.2	8.6	5.9	-6.3	311.8	2.8	16.8	2.4	127.
7.1	29.2	2226.9	775.0	16.3	-8.8	301.1	6.2	5.3	-3.2	311.4	2.5	16.9	2.8	120.
9.1	32.8	2553.5	750.0	14.6	-11.2	282.6	4.6	4.5	-1.0	312.4	2.2	15.7	3.2	126.
9.2	33.4	2847.4	725.0	12.1	-11.3	265.9	4.7	4.7	0.3	312.7	2.2	18.5	3.4	124.
10.2	36.1	3139.8	700.0	9.6	-8.0	247.9	6.9	6.4	2.6	313.2	4.1	37.8	3.6	120.
11.3	39.9	3440.6	675.0	7.3	-5.9	245.9	9.1	8.3	3.7	313.2	3.9	40.6	3.9	113.
12.4	41.7	3750.1	650.0	5.1	-6.9	260.6	12.1	12.0	2.0	314.7	4.1	48.4	4.4	108.
13.4	44.4	4069.1	625.0	2.5	-6.8	272.0	14.6	14.6	-0.5	315.4	3.7	50.1	5.2	105.
14.6	47.3	4367.9	600.0	-0.1	-10.5	283.6	16.6	16.2	-3.9	316.0	2.9	45.3	6.4	103.
15.8	53.4	4736.8	575.0	-3.1	-14.6	293.1	17.1	15.7	-6.7	316.4	2.1	40.4	7.6	104.
17.1	53.4	5087.1	550.0	-5.6	-25.0	301.2	15.9	13.6	-8.2	317.4	0.9	18.8	8.9	106.
18.3	55.5	5450.0	525.0	-8.2	-28.1	299.8	13.7	11.9	-6.8	318.4	0.7	18.2	10.0	108.
19.6	53.6	5927.8	500.0	-6.7	-24.1	299.9	13.5	11.7	-6.7	321.2	1.1	20.9	11.0	109.
20.9	62.9	6221.3	475.0	-13.2	-22.0	307.0	15.0	12.0	-9.1	321.7	1.4	47.3	12.0	110.
22.2	66.3	6631.2	450.0	-16.0	-25.8	309.7	15.4	13.8	-9.8	323.1	1.0	42.7	13.1	112.
23.6	65.7	7059.5	425.0	-15.0	-32.0	311.0	18.9	14.3	-12.4	324.7	0.6	30.3	14.4	114.
25.0	73.2	7502.4	400.0	-22.2	-36.7	316.5	21.6	14.8	-15.7	326.2	0.4	25.2	16.1	116.
27.5	76.9	7989.2	375.0	-25.2	-42.4	322.2	24.5	15.0	-19.4	328.2	0.2	18.3	18.0	118.
29.7	80.7	8477.1	350.0	-25.3	-44.8	319.9	28.0	18.6	-22.1	329.2	0.2	20.5	20.3	121.
31.5	89.8	9001.5	325.0	-34.0	-46.2	319.1	29.8	21.0	-21.1	329.2	0.2	27.6	23.0	123.
33.6	93.2	9556.3	300.0	-38.9	-47.5	309.5	32.4	25.0	-20.6	330.2	0.2	39.1	26.5	124.
35.6	97.5	10147.0	275.0	-43.7	99.9	311.5	33.6	25.2	-22.3	332.0	99.9	99.9	30.4	125.
37.8	102.6	10779.9	250.0	-45.5	99.9	317.0	37.4	25.5	-27.3	332.2	99.9	99.9	34.7	126.
40.0	107.8	12205.9	200.0	-59.7	99.9	310.5	44.4	33.8	-31.0	334.4	99.9	99.9	39.8	128.
42.8	113.6	13036.5	175.0	-61.7	99.9	310.4	52.8	40.2	-34.2	338.2	99.9	99.9	45.6	129.
45.6	119.8	13983.5	150.0	-64.5	99.9	316.0	59.6	47.5	-34.2	339.1	99.9	99.9	53.7	129.
49.8	126.5	15078.6	125.0	-65.3	99.9	306.3	30.5	24.6	-28.8	359.1	99.9	99.9	62.1	129.
53.0	134.0	16432.6	100.0	-68.6	99.9	306.8	19.9	15.9	-11.9	410.6	99.9	99.9	68.0	130.
59.2	142.7	18201.6	75.0	-62.8	99.9	307.8	10.7	8.5	-6.6	441.2	99.9	99.9	73.4	129.
65.3	152.3	20722.8	50.0	-56.6	99.9	268.9	5.8	5.3	0.1	503.4	99.9	99.9	80.9	128.
77.1	162.7	25214.2	25.0	-47.9	99.9	99.9	99.9	99.9	99.9	607.4	99.9	99.9	76.1	130.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
 DEL RIO, TEXAS

 25 APRIL 1979
 2005 GMT

162 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MR	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	314.0	969.7	32.0	12.9	300.0	3.6	0.0	-3.6	308.7	335.9	9.7	30.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	11.9	498.0	950.0	30.6	13.8	344.0	3.4	0.9	-3.2	308.1	337.6	10.5	36.0	0.2	171.
1.0	14.3	736.3	925.0	28.3	11.4	323.1	4.6	2.1	-4.1	308.3	334.2	9.2	35.0	0.4	165.
2.5	16.7	578.7	900.0	26.3	7.9	336.6	8.3	3.3	-7.6	308.7	329.9	7.5	31.1	0.7	158.
3.4	19.1	1226.2	875.0	24.6	3.6	330.0	10.9	5.3	-8.5	309.4	325.8	5.7	25.5	1.3	158.
4.4	21.6	1479.7	850.0	24.1	-3.7	316.0	9.8	6.8	-7.0	311.4	321.7	3.4	15.5	1.9	153.
5.3	24.0	1738.9	825.0	21.7	-4.9	297.5	8.7	7.0	-5.0	311.2	321.3	3.2	16.4	2.3	148.
6.3	26.5	2004.3	800.0	18.4	-6.5	297.7	8.7	7.7	-4.0	311.9	320.8	2.9	16.6	2.8	143.
7.3	29.1	2275.5	775.0	16.9	-8.4	296.3	9.1	8.1	-4.0	312.0	320.1	2.6	16.8	3.3	139.
8.3	31.7	2553.6	750.0	14.8	-9.4	293.6	8.4	8.2	-2.9	312.7	320.4	2.5	17.8	3.7	136.
9.2	34.3	2838.9	725.0	12.4	-0.1	284.2	9.1	9.6	0.9	313.1	328.5	5.2	42.0	4.1	131.
10.3	37.0	3121.0	700.0	9.4	0.0	291.7	10.1	9.6	3.2	312.8	329.9	6.8	54.9	4.5	125.
11.3	39.8	3422.7	675.0	7.4	-4.1	250.8	11.9	11.3	3.9	314.0	326.5	4.2	47.5	5.6	118.
12.4	42.5	3742.5	650.0	5.0	-5.2	266.6	10.6	10.3	3.4	316.6	326.6	4.0	47.5	5.6	112.
13.5	45.3	4061.3	625.0	2.5	-7.0	275.3	15.5	15.4	-1.4	315.2	326.3	3.6	49.6	6.5	109.
14.7	48.2	4385.8	600.0	-0.7	-9.5	280.7	17.7	17.4	-3.3	315.4	324.9	3.1	51.1	7.7	108.
15.8	51.2	4728.3	575.0	-3.3	-24.0	283.3	20.1	19.6	-4.6	316.2	319.4	1.0	10.0	8.9	107.
16.9	54.1	5072.4	550.0	-5.3	-30.0	288.7	18.1	18.3	-5.2	317.2	319.0	0.6	12.2	10.1	107.
17.9	57.3	5441.9	525.0	-6.7	-23.7	294.3	16.0	15.7	-5.7	320.4	323.9	1.1	24.3	11.4	107.
19.0	60.4	5821.8	500.0	-9.7	-22.5	303.0	13.7	13.5	-7.5	321.2	325.3	1.3	34.4	12.5	109.
20.1	63.7	6215.3	475.0	-13.1	-23.7	302.0	12.0	10.1	-6.3	321.6	325.7	1.2	40.4	13.5	109.
22.3	67.0	6625.7	450.0	-14.6	-33.9	302.1	15.4	13.0	-8.2	324.9	326.6	0.5	17.4	14.4	110.
23.8	70.4	7056.5	425.0	-17.7	-26.1	310.1	17.6	13.4	-11.3	326.2	327.8	0.4	16.2	15.9	112.
25.4	74.0	7506.2	400.0	-22.0	-30.4	313.8	17.4	12.6	-12.1	326.2	327.7	0.3	20.7	17.4	114.
26.9	77.7	7978.0	375.0	-25.9	-37.4	310.4	21.4	10.3	-13.8	327.2	328.6	0.4	32.9	19.0	115.
28.4	81.9	8473.4	350.0	-29.7	-44.8	308.8	21.2	10.4	-16.4	328.4	329.5	0.2	22.0	21.3	117.
30.4	85.5	8958.0	325.0	-33.7	-45.7	315.0	29.8	21.1	-21.1	330.2	331.0	0.2	28.5	24.4	119.
32.3	89.6	9554.1	300.0	-38.5	-50.2	313.2	29.1	21.2	-19.9	331.1	331.6	0.1	27.4	27.6	121.
34.2	94.0	10145.3	275.0	-43.8	99.9	306.4	30.9	20.9	-18.3	331.6	999.9	99.9	999.9	31.1	125.
36.2	98.6	10776.8	250.0	-48.7	99.9	309.3	36.5	28.2	-23.1	333.7	999.9	99.9	999.9	34.9	125.
38.7	103.6	11463.7	225.0	-53.0	99.9	314.5	40.1	26.6	-28.1	336.0	999.9	99.9	999.9	40.0	123.
40.7	109.6	12209.5	200.0	-59.9	99.9	313.0	40.9	29.9	-27.9	337.5	999.9	99.9	999.9	45.3	125.
43.8	114.8	13038.6	175.0	-62.6	99.9	313.9	52.0	37.5	-36.0	346.7	999.9	99.9	999.9	53.9	126.
47.1	121.0	15979.6	150.0	-65.9	99.9	313.0	50.2	36.7	-34.2	356.2	999.9	99.9	999.9	64.7	127.
50.5	128.0	15076.5	125.0	-69.5	99.9	306.1	33.4	27.0	-19.6	369.1	999.9	99.9	999.9	73.0	126.
54.9	136.0	16422.5	100.0	-82.6	99.9	299.9	21.7	18.8	-10.8	406.5	999.9	99.9	999.9	88.1	127.
60.4	145.3	18186.0	75.0	-83.6	99.9	322.6	12.1	7.3	-8.6	459.5	999.9	99.9	999.9	94.0	126.
67.0	155.3	20644.2	50.0	-95.0	99.9	335.2	4.8	2.0	-4.4	504.3	999.9	99.9	999.9	87.1	128.
79.0	165.7	25173.9	25.0	-48.1	99.9	999.9	99.9	99.9	99.9	646.5	999.9	99.9	999.9	84.3	127.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

25 APRIL 1979
2300 GMT

TIME M/T	CHTCY	WEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
3.0	9.3	314.0	966.8	32.7	16.5	120.0	5.1	-4.4	2.5	309.6	344.3	12.4	36.0	0.0	0.
53.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	55.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	10.0	472.1	950.0	31.9	13.3	114.9	4.5	-4.1	1.9	309.6	338.1	10.2	32.3	0.2	325.
1.2	13.3	710.5	925.0	29.3	10.7	119.3	3.6	-3.2	1.6	309.3	334.1	9.8	31.7	0.3	312.
2.0	15.6	953.8	900.0	27.6	8.4	136.4	1.7	-1.1	1.3	309.4	332.2	7.8	30.3	0.5	307.
3.7	19.1	1202.3	875.0	26.3	6.7	240.1	2.7	2.5	1.1	311.1	328.9	6.1	28.9	0.5	314.
3.6	23.6	1456.5	850.0	24.0	-2.2	297.8	4.8	4.5	-1.5	311.2	326.8	5.3	24.0	0.3	337.
4.5	23.1	1716.1	825.0	21.6	-0.2	300.2	7.9	6.9	-4.0	311.5	324.9	4.6	23.2	0.2	35.
5.5	25.6	1981.6	800.0	19.5	-1.5	311.3	10.1	7.6	-6.6	312.8	324.7	4.3	24.1	0.7	108.
6.4	29.1	2232.2	775.0	17.1	-2.7	314.0	12.1	6.3	-6.1	312.2	324.3	4.1	25.8	1.2	119.
7.5	30.7	2531.4	750.0	14.3	-3.7	309.5	9.3	7.2	-5.9	312.2	323.8	3.9	28.4	1.7	124.
9.6	33.3	2916.1	725.0	11.4	-4.3	305.3	9.9	6.1	-5.7	312.6	323.5	3.8	32.9	3.4	124.
9.8	35.9	3107.9	700.0	8.9	-4.5	297.7	12.3	10.9	-5.7	312.3	324.1	3.9	38.4	3.1	124.
11.1	39.7	3407.9	675.0	6.3	-4.7	288.6	15.1	14.3	-4.6	312.7	324.7	4.0	45.2	4.2	121.
12.4	41.4	3716.2	650.0	4.0	-6.0	285.5	17.9	17.2	-4.8	313.5	324.8	3.8	48.0	5.4	118.
13.6	44.2	4033.9	625.0	2.0	-13.9	288.6	19.3	18.3	-6.1	314.7	321.4	2.1	30.3	6.7	115.
14.6	47.1	4362.5	600.0	0.8	-25.5	293.0	19.0	17.5	-7.4	317.1	319.7	0.8	11.8	7.9	115.
15.5	50.1	4703.1	575.0	-1.0	-28.2	295.9	18.2	16.4	-8.0	318.2	321.0	0.6	10.5	9.9	115.
16.4	53.0	5055.7	550.0	-3.8	-29.1	297.8	17.1	15.1	-8.0	319.2	321.6	0.6	11.9	9.9	115.
17.5	55.0	5420.5	525.0	-6.7	-27.9	295.2	17.6	16.0	-7.5	320.2	322.8	0.7	16.7	11.0	115.
18.7	57.1	5758.9	500.0	-10.1	-28.3	291.3	17.3	16.1	-6.3	320.7	323.2	0.7	20.6	12.3	115.
20.2	62.4	6192.1	475.0	-13.0	-28.2	292.4	16.0	14.7	-6.1	322.0	324.6	0.6	26.4	13.6	115.
21.4	65.6	6602.1	450.0	-15.5	-31.4	297.4	15.9	14.1	-7.3	323.7	325.8	0.6	24.1	14.9	115.
23.0	69.0	7030.5	425.0	-15.0	-34.4	298.3	16.4	14.5	-7.8	324.6	326.3	0.5	24.2	16.5	115.
24.6	72.6	7478.9	400.0	-22.8	-37.4	300.3	18.5	16.0	-9.3	325.4	326.7	0.4	24.9	18.1	115.
26.1	76.1	7898.0	375.0	-26.2	-42.1	307.4	22.2	17.7	-13.5	327.8	327.9	0.2	20.6	19.8	116.
27.7	79.9	8485.0	350.0	-29.7	-42.9	303.2	25.6	20.4	-15.5	328.7	329.6	0.2	26.2	22.2	117.
29.5	83.7	8966.4	325.0	-34.0	-47.1	303.7	27.2	22.6	-15.1	329.9	330.5	0.2	25.0	24.9	118.
31.3	87.9	9523.8	300.0	-36.5	-48.5	302.8	31.9	26.8	-17.3	331.2	331.8	0.1	33.4	28.1	119.
33.3	92.0	10116.3	275.0	-37.3	99.9	306.1	35.4	28.6	-20.9	332.5	999.9	99.9	999.9	32.3	119.
35.4	96.6	10750.3	250.0	-40.8	99.9	311.8	33.6	25.0	-22.4	333.5	999.9	99.9	999.9	36.6	121.
37.8	101.4	11433.9	225.0	-44.3	99.9	313.3	32.8	23.9	-22.6	335.3	999.9	99.9	999.9	41.1	122.
40.4	105.4	12180.4	200.0	-55.3	99.9	315.2	46.0	32.4	-32.7	338.2	999.9	99.9	999.9	44.9	123.
43.2	112.0	13007.4	175.0	-63.9	99.9	314.6	52.4	37.3	-36.8	344.4	999.9	99.9	999.9	55.2	125.
46.5	118.0	13944.8	150.0	-66.1	99.9	313.1	48.3	35.3	-33.1	350.3	999.9	99.9	999.9	65.6	127.
49.9	124.7	15047.0	125.0	-67.8	99.9	309.1	33.0	25.6	-20.8	372.1	999.9	99.9	999.9	73.5	127.
54.0	132.0	16366.5	100.0	-65.7	99.9	303.5	22.7	18.9	-12.5	400.8	999.9	99.9	999.9	81.3	127.
59.5	140.7	18136.8	75.0	-65.8	99.9	310.5	11.1	8.4	-7.2	435.1	999.9	99.9	999.9	85.6	125.
66.9	150.5	20641.4	50.0	-59.6	99.9	78.6	3.7	-3.6	-0.9	503.1	999.9	99.9	999.9	86.8	127.
99.9	50.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 539
 DEL RIO, TEXAS

 26 APRIL 1979
 205 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEN PT CG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ KTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	9.4	314.0	968.1	28.3	12.6	120.0	2.0	-2.3	1.3	304.3	330.5	9.6	38.0	9.0	0.0
96.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
97.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
98.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
1.6	10.2	482.6	550.0	31.3	9.8	99.9	99.9	99.9	99.9	309.0	331.7	8.0	24.5	999.9	99.9
1.6	13.2	720.6	525.0	29.2	7.1	99.9	99.9	99.9	99.9	309.2	328.8	6.9	24.8	999.9	99.9
2.4	15.4	963.5	500.0	27.2	5.7	174.2	5.8	-0.6	5.8	309.2	327.9	6.4	25.4	1.1	349.9
3.4	17.6	1211.6	675.0	26.0	3.8	199.1	4.4	1.4	4.2	310.2	327.6	5.8	23.9	1.4	352.9
4.3	19.9	1465.6	650.0	24.1	2.4	234.9	3.8	2.8	2.8	311.4	327.1	5.4	24.1	1.5	357.9
5.2	22.2	1725.3	625.0	21.7	0.4	278.9	3.9	3.8	-0.6	311.2	325.6	4.8	24.2	1.6	4.9
6.3	24.5	1991.0	600.0	19.7	-1.1	317.4	4.8	3.2	-3.5	312.2	325.3	4.4	24.6	1.4	16.9
7.3	26.9	2262.7	775.0	17.0	-2.0	324.5	4.9	2.3	-4.0	312.1	324.3	4.1	26.1	1.2	24.9
8.5	29.3	2541.1	750.0	14.4	-3.5	330.6	5.4	4.1	-3.5	312.2	324.0	3.9	28.7	1.1	41.9
9.7	31.7	2826.0	725.0	11.9	-4.7	333.9	7.4	6.1	-4.1	312.2	323.7	3.7	31.0	1.2	61.9
10.7	34.2	3118.3	700.0	9.3	-5.8	333.2	9.3	7.8	-5.1	312.2	322.7	3.3	31.2	1.6	77.9
11.7	36.7	3418.4	675.0	6.7	-6.9	332.9	11.4	9.6	-6.2	313.1	321.9	2.9	31.8	2.1	91.9
13.0	39.3	3725.7	650.0	3.6	-9.4	235.5	13.7	12.4	-5.9	313.2	322.1	2.9	37.5	2.9	100.9
14.1	41.0	4043.7	625.0	0.9	-9.5	230.4	15.1	14.2	-5.3	313.2	322.6	3.0	45.7	3.9	103.9
15.5	44.6	4379.1	600.0	-2.1	-10.2	231.9	17.2	15.0	-6.4	313.7	322.2	2.8	51.3	5.2	105.9
17.8	47.3	4737.5	575.0	-3.1	-18.6	333.2	17.3	15.5	-0.5	316.4	321.3	1.5	29.2	6.5	107.9
19.2	50.1	5057.2	550.0	-5.4	-19.9	339.4	18.1	15.2	-11.2	316.2	321.9	1.7	39.3	7.9	111.9
19.5	52.9	5425.0	525.0	-8.1	-23.0	332.9	18.6	15.7	-19.1	318.7	322.5	1.1	28.7	9.5	116.9
21.1	53.9	5762.1	500.0	-6.7	-31.7	295.7	16.7	15.0	-7.2	321.3	323.1	0.5	14.5	11.1	116.9
22.6	59.9	6192.3	475.0	-12.3	-33.4	293.0	17.5	16.1	-6.8	322.7	324.4	0.5	15.2	12.6	116.9
24.0	61.9	6602.6	450.0	-15.9	-34.5	292.4	18.2	16.9	-6.9	323.2	324.8	0.4	18.4	14.1	116.9
25.6	65.1	7031.1	425.0	-18.4	-38.3	295.5	18.3	15.8	-6.6	325.3	326.5	0.3	15.4	15.7	116.9
27.1	69.4	7480.1	400.0	-22.4	-37.8	303.0	18.9	15.2	-9.2	325.2	327.1	0.4	23.2	17.0	116.9
28.6	71.7	7953.6	375.0	-26.2	-41.3	304.5	19.5	16.1	-11.1	327.0	327.9	0.3	22.4	18.7	116.9
30.3	73.1	8445.7	350.0	-30.2	-43.5	303.1	20.3	17.0	-11.1	328.1	328.9	0.2	25.6	20.6	116.9
32.2	73.8	8952.3	325.0	-34.4	-45.8	303.6	20.5	20.1	-13.9	329.2	329.9	0.2	30.4	23.2	117.9
34.5	82.6	9522.7	300.0	-38.8	-48.9	309.3	27.4	21.2	-17.4	330.2	331.3	0.1	33.8	27.0	118.9
36.6	86.5	10114.9	275.0	-43.6	99.9	310.3	25.1	19.9	-16.9	332.1	333.0	99.9	99.9	30.1	120.9
38.1	90.8	10747.7	250.0	-45.1	99.9	311.2	23.6	21.5	-18.8	333.0	333.9	99.9	99.9	33.9	121.9
41.3	95.2	11431.3	225.0	-53.8	99.9	310.2	39.5	30.2	-25.5	336.0	336.9	99.9	99.9	39.1	122.9
43.9	97.8	12178.2	200.0	-59.3	99.9	315.9	51.0	35.5	-36.6	338.2	339.9	99.9	99.9	45.9	123.9
47.1	105.0	13003.7	175.0	-64.6	99.9	314.6	49.3	35.1	-34.6	343.4	343.9	99.9	99.9	55.3	124.9
50.4	110.5	13933.6	150.0	-69.5	99.9	311.8	45.7	34.0	-30.4	350.3	350.9	99.9	99.9	64.8	127.9
54.5	115.8	15023.4	125.0	-66.6	99.9	310.8	37.1	28.1	-24.2	369.0	369.9	99.9	99.9	75.6	126.9
59.0	123.7	16353.0	100.0	-66.8	99.9	305.2	19.3	15.7	-11.1	398.7	399.9	99.9	99.9	83.4	128.9
64.6	132.0	18092.0	75.0	-63.2	99.9	304.1	7.4	6.1	-4.2	440.4	440.9	99.9	99.9	87.2	127.9
72.4	142.0	20554.9	50.0	-55.2	99.9	328.4	4.1	2.3	-3.4	504.0	504.9	99.9	99.9	87.8	126.9
86.4	155.0	25047.1	25.0	-47.8	99.9	77.0	9.1	-8.9	-2.1	647.3	647.9	99.9	99.9	82.8	130.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

26 APRIL 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT I DEG K	E POT T DEG K	WZ RTO CM/SEC	RM PCY	RANGE KM	AZ DEG
0.0	9.6	314.0	970.2	22.0	13.8	90.0	2.0	-2.6	0.0	298.2	326.1	10.3	57.0	0.0	0.
9.0	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.5	500.0	950.0	27.5	11.7	193.7	9.9	2.3	9.0	305.1	330.4	9.1	37.4	0.2	336.
1.5	13.9	336.5	925.0	28.1	7.5	192.4	9.5	2.0	9.2	308.0	328.2	7.1	27.6	0.7	2.
2.4	10.4	978.0	980.0	26.5	6.1	193.9	9.4	2.2	9.1	308.8	327.9	6.7	27.6	1.2	7.
3.2	16.0	1226.3	875.0	25.3	4.3	205.8	6.9	3.0	6.3	310.8	327.4	6.0	26.1	1.6	10.
4.3	21.3	1480.0	850.0	23.7	3.2	221.0	5.1	3.3	5.9	311.0	327.5	5.7	26.2	1.9	10.
5.2	23.8	1739.5	825.0	21.6	2.0	241.3	4.4	3.0	2.1	311.4	327.2	5.4	27.4	2.2	10.
6.2	26.3	2005.1	800.0	15.6	-0.7	263.2	4.2	4.1	-1.0	312.1	325.5	4.5	25.4	2.3	23.
7.4	29.9	2274.7	775.0	16.9	-2.6	292.3	4.4	3.9	-2.0	312.8	324.2	4.1	26.3	2.3	31.
8.5	31.5	2554.0	750.0	14.4	-4.3	314.4	5.2	3.7	-3.6	312.8	322.1	3.7	27.1	2.3	38.
9.5	34.1	2839.5	725.0	11.6	-6.3	307.4	6.5	5.2	-3.9	312.2	322.1	3.3	27.9	2.3	40.
10.7	36.9	3121.7	700.0	9.4	-7.7	297.7	8.6	7.6	-4.0	312.9	322.2	3.1	29.1	2.5	59.
11.7	37.6	3431.9	675.0	6.6	-10.4	292.7	11.0	10.1	-4.2	313.3	321.2	2.4	27.9	2.9	69.
13.0	42.4	3748.5	650.0	4.2	-11.5	285.8	12.2	11.6	-3.3	313.6	321.3	2.4	30.7	3.6	79.
14.2	45.3	4052.0	625.0	1.5	-13.5	277.9	13.0	12.9	-1.8	314.1	320.8	2.2	31.8	4.4	83.
15.3	49.1	4365.1	600.0	-1.0	-17.2	280.4	14.3	14.1	-2.6	314.5	320.2	1.6	27.9	5.4	86.
16.5	51.1	4722.9	575.0	-3.8	-13.7	289.9	15.1	14.2	-5.1	315.4	322.8	2.3	46.0	6.4	89.
17.6	54.1	5072.2	550.0	-6.7	-15.4	304.6	16.3	13.0	-8.5	316.2	322.7	2.1	48.0	7.3	92.
19.0	57.3	5434.4	525.0	-8.9	-20.7	303.8	16.9	16.0	-9.4	317.7	322.2	1.4	37.6	8.4	97.
20.3	60.5	5810.9	500.0	-10.7	-28.1	300.2	17.9	15.5	-9.0	320.1	322.6	0.8	22.2	9.7	100.
21.6	63.4	6203.5	475.0	-13.5	-28.6	301.1	18.0	15.4	-9.3	321.2	323.8	0.8	26.0	11.1	103.
23.3	67.1	6612.6	450.0	-14.9	-32.2	299.8	16.2	14.1	-8.0	324.2	326.5	0.6	21.1	12.7	105.
24.6	70.4	7043.2	425.0	-16.5	-36.4	299.4	16.1	14.1	-7.9	325.2	326.9	0.5	23.0	14.1	107.
26.5	74.3	7492.2	400.0	-22.4	-37.1	300.2	17.5	15.1	-8.0	325.5	327.3	0.4	24.6	15.8	108.
28.2	79.1	7964.7	375.0	-24.7	-40.3	300.4	17.8	15.3	-9.0	328.9	330.8	0.3	21.9	17.7	109.
29.8	81.8	8422.9	350.0	-26.7	-44.0	299.5	19.6	17.1	-9.6	330.1	330.9	0.2	21.1	19.3	110.
31.7	85.8	8988.6	325.0	-23.3	-45.6	302.3	23.0	20.1	-12.7	330.2	331.5	0.2	27.5	21.0	112.
33.0	90.0	9545.2	300.0	-37.9	-49.0	302.1	25.7	21.0	-11.7	332.0	332.6	0.2	33.4	24.8	113.
35.9	94.6	10130.3	275.0	-43.1	99.9	302.1	28.9	22.8	-14.3	332.2	332.6	99.9	99.9	28.2	114.
37.0	99.2	10773.8	250.0	-47.9	99.9	311.2	28.3	21.3	-16.7	334.6	339.9	99.9	99.9	31.5	115.
40.5	104.3	11466.7	225.0	-53.1	99.9	310.7	30.6	29.3	-25.1	337.1	399.9	99.9	99.9	36.0	118.
43.1	109.8	12207.9	200.0	-55.8	99.9	311.4	46.0	34.5	-30.5	338.1	399.9	99.9	99.9	42.7	119.
46.0	115.0	13026.8	175.0	-58.4	99.9	309.2	48.6	37.7	-30.7	342.0	399.9	99.9	99.9	50.8	121.
52.0	122.0	13957.5	150.0	-66.5	99.9	302.7	46.9	39.5	-25.3	350.5	399.9	99.9	99.9	60.1	122.
54.9	129.3	15052.2	125.0	-66.5	99.9	311.6	33.1	24.8	-22.0	374.6	399.9	99.9	99.9	69.0	122.
56.0	137.0	16387.0	100.0	-71.5	99.9	294.9	19.4	17.3	-8.8	389.4	399.9	99.9	99.9	75.3	123.
62.5	148.0	18124.5	75.0	-83.3	99.9	292.1	16.5	9.8	-4.0	440.2	399.9	99.9	99.9	79.4	121.
65.9	155.3	20826.5	50.0	-86.7	99.9	329.5	4.9	2.5	-4.2	500.2	399.9	99.9	99.9	80.8	122.
84.0	184.7	25083.0	25.0	-89.7	99.9	26.7	8.0	-0.0	-0.5	642.1	399.9	99.9	99.9	70.0	125.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 251
 DEL RIO, TEXAS

 26 APRIL 1979
 805 CMT

TIME MIN	CNTCT	WEIGHT GPM	PRES HR	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT V DG K	MX RTO GAL/KG	RM PCY	RANGE KM	AZ DG
0.0	9.5	314.0	569.4	21.7	17.1	80.0	3.6	-3.5	-0.6	297.5	331.1	12.0	75.0	0.0	0.
0.5	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.2	491.0	550.0	24.5	16.9	161.9	7.5	-2.3	7.1	302.6	336.5	12.0	62.0	0.3	279.
1.0	13.5	725.4	525.0	25.2	13.3	205.9	5.7	2.5	5.2	305.1	333.7	18.4	47.0	0.5	321.
2.3	13.9	966.2	900.0	25.2	10.8	256.3	5.0	4.9	1.2	307.2	332.9	9.1	40.5	0.5	352.
3.0	19.3	1213.4	675.0	24.7	8.0	255.0	3.9	3.8	1.0	309.2	331.5	7.8	30.6	0.5	13.
3.2	20.0	1467.2	650.0	23.9	5.9	252.2	3.7	3.7	1.2	311.2	331.1	6.9	31.3	0.7	23.
4.7	23.2	1727.1	625.3	22.0	2.6	272.1	4.0	0.0	-0.1	311.6	328.2	5.6	27.8	0.8	37.
5.5	25.7	1992.9	600.0	19.6	-0.8	290.9	4.3	4.0	-1.5	312.1	325.7	4.6	25.6	0.9	49.
6.5	29.2	2224.6	775.0	17.3	-6.2	316.0	5.1	3.6	-3.7	312.1	324.2	4.1	26.0	1.0	66.
7.3	33.5	2362.7	750.0	14.4	-4.2	317.5	6.2	4.2	-0.6	312.2	323.4	3.7	27.2	1.1	79.
9.4	33.4	2527.5	725.0	11.5	-6.0	309.0	7.1	5.5	-4.5	312.3	322.4	3.4	28.6	1.4	94.
9.4	35.1	3115.4	700.0	5.2	-6.8	299.4	8.1	7.1	-4.0	312.4	322.4	3.3	31.5	1.8	101.
10.6	35.8	3419.5	675.0	6.7	-8.0	291.7	10.1	9.4	-3.7	313.2	322.6	3.1	33.9	2.3	104.
11.4	41.6	3722.1	650.0	4.4	-10.2	287.3	12.0	11.5	-3.6	313.5	322.2	2.7	33.7	3.0	105.
12.5	49.3	4065.1	625.0	2.0	-12.3	290.0	12.8	12.0	-0.4	314.7	322.1	2.4	33.7	3.8	106.
13.6	47.2	4373.7	600.0	-3.9	-12.7	298.4	13.4	11.8	-6.4	315.0	322.5	2.4	40.3	4.7	107.
14.7	50.1	4712.0	575.0	-3.2	-14.1	302.1	16.0	13.6	-8.5	316.3	323.2	2.2	42.5	5.6	110.
15.9	53.1	5052.4	550.0	-5.2	-20.4	301.6	15.3	13.9	-8.6	317.6	322.4	1.4	29.1	6.8	112.
17.3	56.1	5428.6	525.0	-7.0	-22.7	305.4	15.2	13.1	-7.7	320.0	323.9	1.2	27.2	9.1	113.
18.6	52.3	5835.3	500.0	-13.2	-22.9	305.6	15.7	12.7	-5.1	320.7	324.6	1.2	34.2	9.3	114.
19.9	62.5	6168.1	475.0	-13.4	-25.4	305.4	16.7	13.6	-9.7	321.4	324.6	1.0	35.4	10.5	116.
21.4	65.9	6637.6	450.0	-15.8	-28.5	300.5	17.1	14.7	-8.7	323.4	326.1	0.8	32.5	12.0	117.
22.9	69.1	7035.5	425.0	-16.5	-29.7	297.2	15.3	13.6	-7.0	324.0	326.6	0.8	39.8	13.4	117.
24.5	72.6	7484.8	400.0	-21.5	-31.0	296.0	16.6	15.0	-7.3	327.8	329.5	0.7	42.0	15.0	117.
24.0	76.3	7956.5	375.0	-25.9	-31.6	295.0	19.7	17.0	-10.2	327.3	329.2	0.7	58.7	16.6	117.
27.5	80.0	8453.2	350.0	-29.0	-32.4	297.6	22.1	19.6	-10.9	331.7	333.7	0.5	72.4	20.6	117.
28.0	83.8	8978.9	325.0	-32.6	-35.9	298.5	24.6	22.0	-12.3	332.5	333.9	0.4	74.9	23.2	117.
30.7	83.0	9536.2	300.0	-37.5	-40.3	297.1	27.0	24.0	-13.7	332.3	333.7	99.9	99.9	26.3	117.
32.6	92.2	10132.2	275.0	-42.7	99.9	298.2	25.9	25.4	-13.7	333.3	333.9	99.9	99.9	30.2	117.
33.7	95.8	10768.4	250.0	-48.0	99.9	299.7	24.0	29.5	-16.8	334.8	334.8	99.9	99.9	35.1	117.
36.9	101.6	11453.9	225.0	-54.4	99.9	298.8	37.5	32.9	-18.1	335.2	335.2	99.9	99.9	40.9	118.
37.3	105.6	12197.2	200.0	-60.0	99.9	303.2	44.5	37.2	-24.3	337.6	337.6	99.9	99.9	49.5	119.
42.5	112.3	13023.2	175.0	-64.4	99.9	302.4	43.8	36.9	-23.5	337.6	337.6	99.9	99.9	57.0	119.
45.4	118.3	13755.2	150.0	-67.4	99.9	299.1	40.7	35.6	-19.8	334.0	334.0	99.9	99.9	64.7	119.
48.9	125.0	15068.4	125.0	-71.7	99.9	300.7	35.0	30.4	-18.1	335.1	335.1	99.9	99.9	72.2	119.
53.0	132.7	16355.4	100.0	-73.1	99.9	297.7	25.2	23.2	-9.7	336.4	336.4	99.9	99.9	77.6	119.
54.1	141.5	18086.4	75.0	-68.2	99.9	318.9	9.6	6.3	-7.3	434.1	434.1	99.9	99.9	78.9	120.
65.7	151.7	20569.5	50.0	-68.6	99.9	23.6	4.5	-1.8	-4.2	600.7	600.7	99.9	99.9	79.9	121.
76.6	162.5	25011.0	25.0	-49.4	99.9	99.9	99.9	99.9	99.9	642.7	642.7	99.9	99.9	79.9	121.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 * BY TEMP MEANS TEMPERATURE CH TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 261
DEL RIO, TEXAS

26 APRIL 1979
1105 GAT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT CG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG F	W RTO GAT/SEC	WV MCT	RANGE KM	AZ DEG
0.0	9.2	314.0	570.7	21.1	16.1	28.0	5.1	-1.7	-4.0	296.0	320.2	12.0	73.0	0.0	0.0
0.9	0.9	99.9	1000.0	95.9	50.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	57.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	11.1	501.3	950.0	21.4	15.6	50.4	8.0	-0.6	-4.4	298.5	330.5	11.0	69.0	0.0	0.0
1.6	13.5	733.3	925.0	21.1	18.3	82.6	6.9	-0.8	-0.9	300.5	339.5	10.5	80.1	0.0	0.0
2.4	15.9	970.8	900.0	15.0	16.6	67.2	3.2	-3.0	-1.2	301.5	337.7	13.3	81.8	1.0	203.0
3.5	19.2	1218.2	875.0	22.6	8.4	314.5	3.0	2.1	-2.1	307.2	332.0	8.0	40.9	1.0	201.0
4.3	23.6	1452.0	850.0	23.0	-0.8	295.7	6.3	5.6	-2.7	311.1	323.7	4.3	19.7	0.0	225.0
5.2	23.0	1727.4	825.0	21.9	-3.2	303.4	7.1	5.9	-3.9	311.7	322.7	3.7	18.4	0.0	203.0
6.0	25.5	1952.9	800.0	19.5	-4.8	302.3	7.5	6.3	-4.0	311.9	322.0	3.3	18.0	1.0	182.0
6.9	29.0	2264.1	775.0	16.0	-5.5	303.0	8.6	7.4	-4.8	311.6	321.8	3.3	21.2	1.3	166.0
7.9	33.5	2542.0	750.0	14.4	-7.1	303.4	9.6	8.0	-5.3	312.2	321.3	3.0	21.9	1.7	153.0
8.8	33.1	2826.7	725.0	11.8	-7.7	300.2	5.6	8.5	-5.0	312.4	321.4	3.0	21.9	2.0	140.0
9.3	35.4	3116.6	700.0	8.7	-8.8	292.9	10.6	9.3	-5.1	312.1	320.7	2.8	27.9	2.8	140.0
10.9	39.4	3416.0	675.0	6.1	-9.0	296.3	11.3	10.1	-5.0	312.2	321.5	2.9	32.9	3.4	132.0
11.9	41.2	3725.6	650.0	3.0	-8.9	293.0	11.5	10.6	-4.5	312.4	321.5	3.0	41.1	4.1	132.0
13.0	43.9	4042.0	625.0	0.7	-10.8	293.1	12.3	11.3	-4.0	314.7	322.0	2.3	40.1	5.7	125.0
14.2	46.8	4366.0	600.0	-1.2	-13.0	297.0	13.7	12.2	-6.2	316.6	322.0	1.6	28.7	6.9	125.0
15.5	49.7	4706.9	575.0	-2.6	-18.3	295.7	14.3	12.9	-6.2	319.0	322.1	0.9	21.5	8.0	122.0
15.8	52.6	5056.5	550.0	-4.3	-24.8	288.6	14.1	13.4	-4.5	319.5	322.5	0.9	21.5	8.0	122.0
16.0	53.0	5421.0	525.0	-7.5	-25.7	284.3	13.0	12.6	-3.2	320.2	323.0	1.0	30.8	9.8	120.0
16.3	58.9	5800.5	500.0	-10.5	-27.7	284.6	13.0	13.4	-3.5	320.2	323.0	1.0	30.8	9.8	120.0
20.5	61.9	6193.0	475.0	-13.3	-28.6	293.7	16.6	15.2	-6.7	321.2	321.1	0.8	26.9	10.9	119.0
21.9	65.1	6503.0	450.0	-15.8	-30.2	298.7	18.4	16.2	-8.6	323.4	325.0	0.7	27.7	12.6	119.0
23.4	69.6	7031.4	425.0	-19.0	-30.7	290.2	18.9	16.9	-8.3	324.7	327.1	0.7	34.6	14.1	110.0
24.9	72.0	7779.7	400.0	-22.8	-31.8	297.5	19.6	17.4	-9.6	325.2	327.6	0.7	43.6	15.7	110.0
26.4	75.6	7945.3	375.0	-27.2	-34.5	294.4	21.3	19.4	-8.0	325.2	327.6	0.5	49.7	17.6	110.0
29.7	83.1	8546.3	350.0	-30.4	-33.0	295.2	23.5	21.2	-10.0	327.7	330.1	0.7	77.7	19.0	110.0
31.6	87.2	9522.1	325.0	-34.0	-37.0	290.0	26.6	23.9	-11.7	329.0	331.6	0.5	74.0	22.2	117.0
33.4	91.3	10116.0	300.0	-38.1	-40.4	295.1	32.1	29.1	-13.6	331.7	333.1	0.4	70.3	25.5	117.0
35.5	95.0	10751.4	250.0	-42.5	-49.9	295.9	36.2	32.5	-15.0	333.7	339.9	0.4	99.9	29.3	117.0
37.0	102.5	11439.3	225.0	-48.6	-59.9	295.8	39.8	35.9	-17.3	333.8	344.2	0.4	99.9	34.1	117.0
40.7	105.6	12179.0	200.0	-54.6	-69.9	297.7	42.6	38.0	-19.4	334.5	349.9	0.4	99.9	39.7	117.0
43.5	111.2	13005.4	175.0	-60.0	-79.9	291.3	42.0	39.1	-22.2	337.0	352.7	0.4	99.9	47.5	117.0
46.7	117.0	13937.3	150.0	-64.1	-89.9	291.3	41.9	37.8	-18.2	344.2	359.9	0.4	99.9	55.3	117.0
50.5	123.9	15028.0	125.0	-65.3	-99.9	290.4	31.6	27.9	-15.0	369.9	369.9	0.4	99.9	71.0	110.0
54.6	131.3	16308.0	100.0	-73.0	-99.9	295.3	23.5	21.2	-10.0	404.7	399.9	0.4	99.9	70.3	110.0
60.2	140.0	18088.7	75.0	-66.0	-99.9	326.1	4.5	4.8	-7.1	434.4	399.9	0.4	99.9	83.4	110.0
69.1	150.5	20370.0	50.0	-60.0	-99.9	22.0	5.6	-3.2	-5.2	502.2	399.9	0.4	99.9	85.1	110.0
81.4	162.0	25015.1	25.0	-51.2	-99.9	90.5	7.3	-7.3	-0.2	637.5	399.9	0.4	99.9	81.9	110.0

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 265
 MIDLAND, TEXAS

 25 APRIL 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT Y DG K	E POT Y DG K	RZ RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	873.0	908.2	15.0	11.2	228.0	7.2	4.6	5.5	296.2	320.0	9.3	78.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.9	950.3	900.0	16.8	10.2	227.5	12.8	9.4	8.6	250.2	322.4	8.7	65.1	0.3	20.
1.1	17.2	1193.0	875.0	21.9	-3.9	231.4	13.0	12.3	4.1	300.6	316.3	3.3	17.0	0.0	43.
2.0	15.5	1404.2	850.0	22.1	-7.4	272.8	15.5	18.4	-2.1	309.3	317.1	2.6	13.1	1.4	87.
3.0	21.7	1702.0	825.0	19.8	-9.0	286.8	16.9	15.2	-4.9	309.3	316.7	2.3	13.4	2.2	82.
4.8	20.5	2235.0	775.0	15.9	-10.3	288.9	17.7	16.8	-5.7	310.3	317.0	2.2	13.5	3.1	90.
5.7	23.9	2312.3	750.0	13.5	-11.8	285.9	19.0	10.3	-5.2	310.3	317.0	2.0	13.7	4.1	94.
6.7	31.3	2780.2	725.0	11.0	-13.3	281.6	17.7	17.4	-3.6	311.3	316.9	1.8	14.0	5.2	90.
7.8	33.7	3087.2	700.0	8.2	-13.7	272.2	15.4	15.5	-2.5	311.8	317.4	1.9	14.0	6.2	97.
8.8	38.2	3388.1	675.0	6.2	-10.6	265.3	17.2	17.1	-0.8	311.8	317.4	1.9	14.0	7.2	97.
9.8	39.8	3650.3	650.0	3.9	-10.1	252.1	18.3	18.2	2.5	312.4	321.8	2.7	35.2	9.2	94.
11.0	41.4	4011.5	625.0	1.2	-10.4	263.1	20.5	20.4	2.5	313.2	322.2	2.7	40.9	10.5	93.
12.0	43.5	4332.0	600.0	-2.1	-14.4	265.9	20.6	20.5	1.5	313.7	320.0	2.0	34.7	11.0	92.
13.2	45.0	4670.7	575.0	-0.5	-20.3	259.6	23.0	23.0	0.2	314.7	317.3	0.8	16.2	13.3	91.
14.3	45.4	5021.4	550.0	-6.6	-20.2	277.5	22.1	21.9	-2.9	316.3	318.4	0.4	14.5	14.9	91.
15.5	52.2	5385.3	525.0	-8.0	-27.5	287.1	16.7	16.0	-4.9	318.5	321.4	0.8	18.9	16.2	92.
16.7	58.1	5762.3	500.0	-11.7	-23.0	291.4	15.9	14.8	-5.8	319.3	323.3	1.2	37.1	17.4	94.
19.1	58.1	6157.7	475.0	-14.2	-23.9	298.6	16.7	14.7	-9.0	320.4	324.2	1.2	43.5	18.5	95.
19.4	61.1	6501.5	450.0	-17.3	-27.4	294.2	18.9	17.2	-7.8	321.4	324.6	0.9	40.8	19.9	97.
20.8	64.3	6897.1	425.0	-21.0	-28.5	330.8	17.8	18.0	-6.1	322.1	325.0	0.8	50.9	21.4	90.
22.1	67.4	7271.9	400.0	-24.7	-27.4	339.8	17.8	18.0	-6.1	322.1	325.0	0.8	50.9	21.4	90.
23.7	70.0	7697.6	375.0	-28.9	-29.2	347.1	15.7	19.5	-7.4	323.2	326.4	0.9	77.3	24.0	90.
25.3	73.3	8107.3	350.0	-33.2	-33.7	290.5	15.7	18.5	-4.9	323.5	326.1	0.6	95.9	26.0	100.
27.0	77.8	8608.7	325.0	-36.7	-35.6	285.0	25.7	24.7	-7.1	326.1	327.6	0.6	82.1	28.9	101.
28.8	81.5	9080.7	300.0	-41.1	-39.9	239.7	23.8	25.2	-9.0	327.4	329.9	99.9	99.9	31.9	101.
30.4	85.4	9552.9	275.0	-46.1	-39.9	300.5	29.6	25.5	-15.0	328.5	329.9	99.9	99.9	34.9	102.
32.0	89.5	10065.1	250.0	-51.4	-39.9	306.2	35.3	28.5	-20.8	329.4	329.9	99.9	99.9	38.5	103.
35.2	93.0	11341.5	225.0	-56.8	-39.9	308.3	39.8	32.4	-23.2	331.5	329.9	99.9	99.9	43.0	107.
37.5	96.6	12076.5	200.0	-62.0	-39.9	308.4	43.0	34.6	-25.5	333.6	329.9	99.9	99.9	49.0	109.
41.1	103.9	12909.0	175.0	-67.1	-39.9	310.6	45.6	37.7	-32.2	345.8	329.9	99.9	99.9	54.1	112.
42.5	107.3	13481.7	150.0	-67.3	-39.9	316.9	36.7	25.0	-26.8	354.2	329.9	99.9	99.9	62.1	115.
45.4	113.3	14280.8	125.0	-66.3	-39.9	292.2	26.2	27.0	-11.0	369.5	329.9	99.9	99.9	67.4	115.
49.4	122.3	16289.1	100.0	-62.7	-39.9	293.2	24.1	22.1	-9.5	406.7	329.9	99.9	99.9	74.1	115.
54.5	130.3	18071.9	75.0	-61.5	-39.9	298.2	4.4	5.6	-3.8	444.0	329.9	99.9	99.9	78.3	115.
61.5	141.3	20527.3	50.0	-61.2	-39.9	355.5	5.8	0.4	-5.8	499.3	329.9	99.9	99.9	80.1	116.
14.7	151.5	25056.0	25.0	-50.4	-39.9	99.9	99.9	99.9	99.9	639.6	329.9	99.9	99.9	78.0	116.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

25 APRIL 1979
1406 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIM DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	14.3	873.0	908.6	20.6	7.2	240.0	8.2	7.1	4.1	301.8	321.4	7.1	42.8	167	13.0
90.9	99.9	99.9	1008.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	15.1	964.6	900.0	20.6	-7.2	298.4	14.2	12.5	-6.8	302.6	316.1	2.5	16.7	0.3	92.0
1.1	17.4	1207.9	875.0	21.7	-10.2	310.9	15.5	11.7	-10.2	308.4	312.5	2.8	10.8	0.8	111.0
2.0	19.6	1456.1	850.0	20.9	-12.9	319.6	15.2	9.9	-11.6	308.0	313.2	1.7	9.2	1.6	126.0
2.9	22.0	1716.7	825.0	18.9	-14.1	312.9	14.0	10.2	-9.5	308.6	313.4	1.5	9.4	2.4	130.0
3.7	24.3	1977.9	800.0	17.7	-14.9	301.7	11.6	9.9	-6.1	310.8	314.7	1.5	9.5	3.0	129.0
4.7	26.7	2247.3	775.0	15.3	-16.4	290.9	10.9	10.2	-3.9	310.2	314.6	1.4	9.8	3.6	127.0
5.6	29.1	2523.7	750.0	13.0	-17.8	288.6	10.6	10.0	-3.4	310.7	314.7	1.2	10.0	4.2	124.0
6.6	31.5	2807.2	725.0	10.9	-16.5	284.9	12.1	11.7	-3.1	311.2	316.1	1.5	12.9	4.8	122.0
7.6	34.0	3058.0	700.0	8.7	-18.1	274.4	13.9	13.8	-1.1	312.3	316.3	1.3	13.1	5.5	119.0
8.6	36.5	3357.4	675.0	6.4	-20.4	267.6	16.1	16.1	0.7	312.6	316.4	1.1	12.6	6.3	115.0
9.6	39.0	3705.3	650.0	4.2	-22.7	268.1	19.4	19.4	0.6	313.7	316.8	0.9	12.0	7.3	111.0
10.6	41.6	4023.0	625.0	1.7	-30.1	268.2	21.6	21.6	0.7	314.4	316.1	0.5	7.4	8.5	108.0
11.7	44.2	4358.3	600.0	-0.9	-20.9	267.7	22.3	22.3	0.9	315.1	319.2	1.3	21.9	9.8	105.0
13.0	46.9	4688.0	575.0	-4.0	-19.2	271.6	22.5	22.5	-0.6	315.3	320.0	1.5	20.0	11.5	103.0
14.1	49.7	5037.5	550.0	-5.7	-23.2	281.4	19.4	19.0	-3.8	315.3	320.9	1.1	24.1	12.9	102.0
15.3	52.6	5406.8	525.0	-8.1	-19.1	288.9	19.7	18.7	-6.4	318.7	323.9	1.6	40.9	16.3	102.0
16.6	55.4	5777.7	500.0	-10.6	-24.2	297.7	18.7	16.6	-8.7	320.1	323.7	1.1	31.7	19.7	103.0
17.8	58.4	6170.1	475.0	-13.7	-24.6	301.1	17.8	15.2	-9.2	321.8	324.6	1.1	39.1	17.0	105.0
19.2	61.4	6578.4	450.0	-17.3	-24.7	295.0	20.6	18.7	-8.7	321.8	325.3	1.1	52.4	18.4	106.0
20.5	64.6	7004.6	425.0	-20.5	-30.2	293.8	20.9	19.1	-8.4	322.6	325.3	0.7	41.3	20.2	106.0
21.9	67.9	7450.6	400.0	-23.4	-35.8	294.4	22.7	20.6	-9.4	326.6	326.2	0.4	30.8	21.9	107.0
23.5	71.1	7919.6	375.0	-26.6	-39.3	300.3	26.1	22.6	-13.2	326.4	327.6	0.3	28.2	24.2	108.0
25.0	74.6	8414.2	350.0	-30.6	-44.7	305.0	25.0	20.5	-14.3	327.5	328.3	0.2	23.3	26.5	109.0
26.7	78.2	8935.2	325.0	-35.7	-48.3	311.7	21.6	16.2	-20.4	327.4	328.8	0.1	23.8	28.7	111.0
28.5	82.0	9468.3	300.0	-39.9	-52.0	315.1	28.5	20.1	-20.2	329.3	329.6	0.1	25.7	31.0	113.0
30.5	85.9	10075.6	275.0	-44.3	99.9	313.3	34.9	25.4	-23.9	331.4	331.4	99.9	99.9	34.7	115.0
32.6	90.0	10706.2	250.0	-50.0	99.9	307.8	39.1	30.9	-24.0	331.4	331.4	99.9	99.9	39.2	117.0
34.8	94.3	11385.8	225.0	-55.9	99.9	302.9	35.7	30.0	-19.4	332.6	332.6	99.9	99.9	44.1	118.0
37.1	99.0	12125.9	200.0	-60.3	99.9	299.4	41.7	36.3	-20.5	337.3	337.3	99.9	99.9	49.2	118.0
39.6	104.0	12953.0	175.0	-61.8	99.9	307.9	47.7	37.6	-20.3	340.0	340.0	99.9	99.9	54.1	118.0
42.2	109.4	13906.1	150.0	-65.1	99.9	320.9	32.5	20.5	-25.2	340.0	340.0	99.9	99.9	62.4	120.0
44.6	115.5	15002.6	125.0	-67.8	99.9	297.6	30.4	27.1	-14.2	342.3	342.3	99.9	99.9	67.8	121.0
46.8	122.3	16133.8	100.0	-63.3	99.9	296.5	23.2	20.8	-10.4	408.5	99.9	99.9	99.9	74.9	121.0
54.9	130.3	18146.8	75.0	-61.9	99.9	283.5	12.3	12.0	-2.9	443.2	99.9	99.9	99.9	79.8	120.0
62.2	140.5	20674.2	50.0	-56.8	99.9	31.1	6.5	-3.4	-5.6	509.7	99.9	99.9	99.9	81.5	120.0
73.4	153.0	29162.8	25.0	-45.2	99.9	999.9	99.9	99.9	99.9	643.1	99.9	99.9	99.9	88.3	122.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-2

STATION NO. 285
 MIDLAND, TEXAS

 25 APRIL 1979
 1700 GMT

TIME M/M	CHTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG M	E POT 'T DEG M	WIND CM/SEC	WIND PCT	RANGE KM	AZ DEG
0-0	14-3	873.0	910.6	27.2	0.1	300.0	6.2	7.1	-4.1	308.6	320.9	4.2	17.0	0.0	0.0
0-5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-10	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-15	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-20	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-25	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-30	15-2	976.4	900.0	27.2	-1.7	313.4	11.2	8.1	-7.7	309.8	320.7	3.8	15.0	0.0	0.0
1-2	17.4	1223.3	875.0	24.1	-3.9	309.9	10.9	8.3	-7.0	308.5	318.6	3.3	15.3	0.0	0.0
2-3	19.6	1475.0	850.0	21.6	-5.7	311.1	10.9	8.2	-7.2	308.8	317.6	2.9	15.8	1.5	130
3-3	21.9	1732.0	825.0	19.0	-7.0	307.0	11.2	8.9	-6.7	308.7	316.6	2.6	15.7	2.2	130
4-3	24.3	1995.1	800.0	17.3	-6.8	299.4	9.6	8.4	-6.7	309.6	317.0	2.4	15.6	2.9	120
5-2	25.5	2264.7	775.0	15.0	-10.6	290.9	8.1	7.6	-6.9	309.5	316.7	2.2	16.0	3.3	120
6-1	23.9	2500.5	750.0	12.3	-12.6	285.9	9.0	6.7	-6.5	309.8	315.9	1.9	16.3	3.7	120
7-9	31.3	2823.4	725.0	10.2	-14.1	283.3	9.4	9.2	-6.2	310.7	316.2	1.8	16.4	4.2	120
8-0	33.8	3113.9	700.0	7.9	-16.2	285.0	10.3	9.8	-5.0	311.2	317.0	1.8	16.1	4.8	120
9-0	36.3	3412.7	675.0	5.3	-15.4	283.2	12.7	12.0	-4.0	312.8	318.1	1.7	19.2	5.4	110
9-5	39.9	3720.9	650.0	4.5	-16.8	281.0	13.7	13.4	-2.6	314.1	319.1	1.6	19.3	6.2	110
11-0	41.4	4032.6	625.0	1.6	-17.8	278.8	14.7	14.5	-2.3	314.2	319.1	1.5	21.8	7.0	110
12-0	44.0	4365.9	600.0	-0.8	-19.0	276.5	15.4	15.3	-1.8	315.2	319.5	1.4	25.9	9.1	111
13-3	46.8	4704.3	575.0	-3.1	-19.9	278.0	16.6	16.4	-2.3	316.2	320.7	1.3	28.0	10.4	100
14-5	49.5	5055.0	550.0	-5.1	-15.7	278.3	17.3	17.3	-2.6	318.0	324.0	1.2	30.6	11.5	100
15-7	52.3	5419.0	525.0	-7.3	-22.6	281.0	15.7	15.4	-3.0	319.6	323.6	1.2	34.1	12.7	100
16-9	55.1	5757.0	500.0	-10.2	-23.0	284.3	15.5	15.0	-3.8	320.8	325.3	1.2	34.1	13.9	100
18-2	59.1	6189.8	475.0	-12.8	-22.3	287.1	16.6	15.9	-4.9	320.8	325.3	1.3	35.5	15.3	100
19-6	61.2	6552.5	450.0	-16.4	-23.2	293.5	19.1	17.5	-7.6	322.6	325.4	0.8	30.6	16.9	100
20-9	64.3	7022.3	425.0	-19.4	-32.4	297.6	21.4	18.9	-9.9	324.1	326.1	0.6	28.9	18.7	110
22-4	67.5	7473.6	400.0	-23.1	-36.1	300.7	18.8	16.2	-9.6	325.8	326.6	0.4	21.9	20.5	111
23-9	70.9	7942.8	375.0	-26.4	-41.7	302.0	21.0	17.8	-11.2	326.7	327.4	0.3	22.5	22.5	112
25-6	74.3	8437.0	350.0	-30.7	-45.2	304.9	23.7	19.5	-13.6	327.4	328.1	0.2	30.2	25.3	113
27-3	77.9	8958.3	325.0	-35.3	-48.6	302.7	27.4	23.1	-16.8	328.0	328.7	0.2	30.2	25.3	113
29-3	81.6	9510.9	300.0	-39.8	-59.9	307.4	31.4	25.0	-19.1	329.2	329.9	99.9	99.9	31.9	110
31-0	85.5	10054.6	275.0	-44.1	-59.9	316.6	34.8	23.9	-25.3	331.3	329.9	99.9	99.9	31.9	110
33-0	89.7	10730.4	250.0	-49.8	-59.9	317.6	41.9	28.2	-31.0	332.8	329.9	99.9	99.9	31.9	110
35-0	94.0	11412.5	225.0	-54.6	-59.9	312.2	47.1	34.9	-28.4	334.5	329.9	99.9	99.9	31.9	110
37-3	99.8	12156.9	200.0	-60.6	-59.9	305.5	45.4	37.0	-26.4	336.8	329.9	99.9	99.9	31.9	110
39-5	103.8	12978.4	175.0	-63.4	-59.9	304.5	51.6	42.5	-28.2	345.4	329.9	99.9	99.9	31.9	110
42-6	109.5	13928.2	150.0	-63.8	-59.9	314.3	59.2	48.1	-27.4	360.1	329.9	99.9	99.9	31.9	110
45-8	115.6	15026.1	125.0	-70.4	-59.9	299.3	67.7	55.2	-13.0	367.8	329.9	99.9	99.9	31.9	110
50-0	122.7	16375.7	100.0	-63.7	-59.9	299.8	72.8	59.8	-11.3	404.7	329.9	99.9	99.9	31.9	110
55-2	131.0	18167.7	75.0	-61.7	-59.9	299.9	9.0	7.8	-4.8	443.6	329.9	99.9	99.9	31.9	110
62-0	141.0	20091.1	50.0	-58.4	-59.9	328.2	6.8	3.6	-5.7	505.8	329.9	99.9	99.9	31.9	110
72-9	153.5	25163.3	25.0	-65.1	-59.9	56.5	7.4	-7.3	0.8	643.8	329.9	99.9	99.9	31.9	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

25 APRIL 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG M	E POT T DEG K	WIND CM/KG	RM PCT	RANGE NM	AZ DEG
3.0	14.1	873.0	999.2	30.0	9.6	290.0	9.8	9.2	-3.4	311.2	324.5	4.4	15.0	0.0	0.
9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.9	99.9	55.9	575.0	99.9	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	550.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	14.9	963.5	900.0	29.2	4.4	301.5	9.6	8.1	-5.0	311.8	328.7	5.9	20.8	0.3	100.
1.1	17.2	1213.0	875.0	26.7	3.0	302.4	10.5	8.8	-5.6	311.6	327.4	5.4	21.6	0.7	121.
1.7	19.5	1467.4	850.0	24.2	0.9	302.1	10.4	8.8	-5.6	311.6	327.4	5.4	21.6	0.7	121.
3.5	21.7	1727.0	825.0	21.7	-1.0	301.6	9.5	8.8	-5.6	311.6	327.4	5.4	21.6	0.7	121.
3.3	24.1	1992.1	800.0	19.2	-1.7	302.0	9.8	8.3	-5.2	311.6	324.3	4.2	24.3	2.1	122.
4.1	26.5	2263.3	775.0	16.3	-3.6	297.7	9.8	8.7	-4.6	311.2	322.6	3.8	25.4	2.5	121.
4.9	33.8	2540.4	750.0	13.4	-5.3	294.7	10.0	9.1	-4.2	311.2	321.5	3.4	26.7	3.0	120.
5.8	31.2	2924.1	725.0	10.8	-5.7	290.2	11.6	10.9	-4.0	311.4	321.7	3.5	30.8	3.5	119.
6.7	33.7	3115.3	700.0	8.1	-6.5	286.5	10.1	9.7	-2.9	311.4	321.6	3.4	35.0	4.1	117.
7.7	36.2	3414.0	675.0	5.9	-9.4	296.2	9.0	8.8	-4.3	312.3	320.8	2.8	32.3	4.7	116.
3.7	38.9	3722.0	650.0	4.0	-12.2	304.7	11.1	9.1	-6.3	313.2	320.6	2.3	29.4	5.3	117.
9.9	41.4	4036.5	625.0	1.6	-13.6	299.8	14.1	12.3	-7.0	314.3	321.0	2.2	31.2	6.2	110.
11.2	44.0	4367.3	600.0	0.4	-13.0	290.2	16.4	15.4	-5.7	316.2	323.9	2.3	35.8	7.4	118.
12.4	46.8	4707.1	575.0	-2.3	-12.9	286.1	18.9	18.1	-5.2	317.3	325.0	2.5	43.7	8.7	116.
13.6	49.6	5058.6	550.0	-4.9	-14.1	279.5	17.5	17.6	-2.9	318.2	325.6	2.3	48.5	10.0	114.
14.9	52.3	5422.5	525.0	-7.9	-15.5	278.4	17.3	17.1	-2.5	318.6	325.9	2.2	54.4	11.3	112.
16.1	55.3	5800.0	500.0	-10.9	-18.2	277.5	15.9	15.7	-2.1	319.8	325.7	1.8	51.5	12.5	111.
17.7	59.3	6192.0	475.0	-14.2	-21.9	277.0	16.0	15.9	-2.0	320.4	325.0	1.4	51.7	13.9	110.
19.1	61.3	6600.7	450.0	-16.3	-29.1	283.0	17.7	17.2	-4.2	322.7	325.3	0.8	32.3	15.3	109.
20.5	64.4	7022.4	425.0	-16.1	-31.3	285.9	20.0	19.2	-5.5	324.2	326.8	0.7	32.9	17.1	108.
22.3	67.7	7477.4	400.0	-22.0	-35.1	292.4	21.4	19.7	-8.1	326.4	328.1	0.5	29.2	19.0	108.
23.7	71.0	7948.1	375.0	-26.2	-39.6	294.2	21.2	18.7	-10.0	328.4	328.2	0.4	29.8	20.8	109.
25.2	74.6	8443.1	350.0	-30.0	-42.0	304.9	26.1	21.4	-15.0	328.4	329.4	0.3	25.0	22.9	110.
26.9	78.1	8926.3	325.0	-34.3	-47.4	310.9	27.2	20.6	-17.8	329.4	330.6	0.2	25.0	25.4	112.
28.6	81.9	9528.5	300.0	-39.2	-51.1	314.6	30.8	21.9	-21.6	330.1	330.6	0.1	26.8	28.2	114.
30.6	85.8	10112.0	275.0	-43.1	99.9	308.1	36.0	28.8	-22.5	332.4	332.4	99.9	99.9	32.2	116.
32.7	90.0	10747.7	250.0	-47.7	99.9	304.7	36.9	30.4	-21.0	335.2	335.2	99.9	99.9	36.7	118.
34.9	94.3	11433.7	225.0	-53.8	99.9	301.3	38.4	32.8	-20.0	336.0	336.0	99.9	99.9	41.7	118.
37.5	99.0	12179.4	200.0	-59.7	99.9	294.8	37.6	34.1	-15.7	338.2	338.2	99.9	99.9	47.5	118.
40.2	104.2	13002.4	175.0	-64.6	99.9	302.3	50.0	42.2	-26.7	343.3	343.3	99.9	99.9	54.4	118.
43.4	109.8	13943.8	150.0	-65.6	99.9	309.3	44.4	34.3	-28.2	348.2	348.2	99.9	99.9	64.5	120.
47.4	116.0	15040.1	125.0	-68.6	99.9	303.4	27.4	22.9	-15.1	370.8	370.8	99.9	99.9	71.4	120.
52.2	123.0	16353.5	100.0	-65.1	99.9	309.1	24.4	18.0	-15.4	402.0	402.0	99.9	99.9	80.1	120.
57.9	99.9	99.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

 25 APRIL 1979
 2300 CDT

TIME M14	CNTCT	HEIGHT GFW	PRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG M	E POT 7 OG K	WZ WTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	13.8	873.0	900.2	30.6	-0.9	290.0	8.8	8.3	-3.0	312.2	324.0	3.9	13.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	14.5	954.0	900.0	29.8	3.6	313.9	10.4	7.5	-7.2	312.2	328.3	5.5	18.9	0.4	129.
1.6	15.7	1203.4	875.0	26.5	2.3	310.5	10.4	7.9	-6.8	311.3	326.5	5.2	20.9	1.0	130.
3.0	19.9	1457.6	850.0	24.3	1.1	303.0	9.4	7.9	-5.1	311.6	326.0	4.9	21.7	1.9	130.
4.3	21.2	1717.2	825.0	21.6	-1.1	297.5	9.1	8.1	-4.2	311.4	324.1	4.3	21.9	2.5	127.
5.5	23.5	1982.3	800.0	18.8	-3.4	288.7	9.5	9.0	-3.0	311.2	322.3	3.7	22.8	3.2	124.
6.7	25.3	2253.2	775.0	16.5	-3.9	293.0	10.2	9.4	-4.0	311.5	322.6	3.7	24.4	3.9	121.
7.5	29.2	2533.7	750.0	13.9	-4.9	296.7	9.8	8.4	-4.3	311.7	322.3	3.5	26.7	4.3	121.
9.4	30.5	2814.8	725.0	11.0	-6.4	298.5	11.3	9.9	-5.4	311.8	321.4	3.3	28.9	4.9	121.
9.5	33.0	3103.8	700.0	8.4	-7.1	296.7	10.0	9.0	-4.5	311.8	321.4	3.2	32.6	5.7	120.
10.7	35.5	3404.8	675.0	5.6	-7.3	301.9	10.4	8.6	-5.5	311.9	321.7	3.3	38.8	6.3	120.
11.8	39.0	3711.0	650.0	2.7	-8.4	310.4	11.4	8.7	-7.4	312.0	321.5	3.1	43.6	7.8	120.
13.1	40.5	4028.6	625.0	1.3	-11.6	315.3	14.1	9.9	-10.0	313.9	321.7	2.5	37.4	8.0	122.
14.4	43.2	4356.2	600.0	-0.1	-11.7	306.3	16.0	13.5	-10.9	316.0	324.0	2.6	41.1	9.2	124.
15.3	45.9	4653.1	575.0	-3.1	-13.8	295.9	17.9	16.1	-7.6	316.4	323.7	2.3	43.8	10.4	123.
16.7	49.6	5045.6	550.0	-5.8	-15.1	290.4	17.4	16.3	-6.1	317.2	323.9	2.1	46.2	11.6	125.
18.0	51.3	5408.6	525.0	-8.4	-17.2	283.5	16.9	16.4	-3.9	318.4	324.4	1.9	48.6	12.9	121.
19.3	54.2	5785.2	500.0	-11.6	-19.6	281.8	16.4	16.0	-4.2	320.3	323.0	1.6	51.1	14.1	119.
20.6	57.1	6176.4	475.0	-14.3	-21.9	285.0	16.4	15.8	-4.2	320.3	323.0	1.1	40.1	15.3	118.
21.9	60.1	6584.8	450.0	-17.1	-27.6	285.4	17.3	16.6	-4.9	321.8	324.7	0.9	39.2	16.6	117.
23.3	63.3	7011.9	425.0	-19.6	-30.1	285.6	21.0	20.2	-5.7	323.5	326.4	0.7	38.2	18.2	116.
24.7	66.4	7459.4	400.0	-23.1	-32.5	282.5	18.8	18.4	-4.1	324.5	327.1	0.6	41.6	19.9	115.
24.4	69.7	7928.3	375.0	-27.1	-37.1	291.5	17.9	16.6	-6.6	325.7	327.2	0.4	37.7	21.6	114.
25.1	73.1	8423.0	350.0	-25.8	-44.9	295.4	23.0	20.8	-9.9	328.4	329.4	0.2	21.1	23.6	114.
30.1	76.7	8746.8	325.0	-34.1	-47.2	294.1	28.6	26.1	-11.7	329.6	330.3	0.2	25.0	26.8	114.
32.2	80.3	9301.7	300.0	-38.9	-48.6	297.5	29.7	26.4	-13.7	330.6	331.2	0.1	34.6	30.5	114.
34.3	84.3	10053.9	275.0	-43.1	99.9	300.9	32.1	27.6	-16.5	332.8	999.9	99.9	99.9	34.4	115.
36.1	88.3	10727.9	250.0	-49.0	99.9	303.2	33.7	28.2	-18.4	333.3	999.9	99.9	99.9	38.0	116.
39.4	92.7	11410.2	225.0	-54.9	99.9	303.5	34.9	29.1	-19.2	334.3	999.9	99.9	99.9	42.5	117.
41.0	97.4	12151.5	200.0	-60.3	99.9	302.4	44.5	37.6	-23.8	337.3	999.9	99.9	99.9	48.3	117.
44.0	102.4	12742.6	175.0	-64.3	99.9	304.6	57.9	47.7	-32.8	343.8	999.9	99.9	99.9	57.7	118.
47.8	108.0	13112.3	150.0	-62.0	59.9	306.1	42.0	33.9	-24.7	343.3	999.9	99.9	99.9	69.5	119.
51.2	114.0	15034.6	125.0	-65.7	99.9	306.4	27.2	21.9	-16.2	378.9	999.9	99.9	99.9	76.9	120.
54.4	121.0	16382.9	100.0	-69.3	99.9	302.2	24.1	20.4	-12.8	401.3	999.9	99.9	99.9	83.8	120.
62.6	129.0	18155.4	75.0	-61.8	99.9	315.5	10.4	7.3	-7.4	443.3	999.9	99.9	99.9	90.4	120.
71.0	135.0	20677.5	50.0	-58.2	99.9	348.0	8.3	1.1	-5.1	506.2	999.9	99.9	99.9	92.4	121.
84.5	151.5	25175.0	25.0	-46.7	99.9	231.7	5.0	3.9	3.1	650.0	999.9	99.9	99.9	99.6	122.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS

26 APRIL 1979
205 GPT

TIME ML	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.4	873.0	988.9	24.4	8.8	50.0	8.8	-6.7	-5.7	305.8	327.8	7.9	37.8	0.0	0.
0.9	99.9	59.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	978.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	15.2	955.2	900.0	24.2	9.1	999.9	99.9	99.9	99.9	306.4	329.2	8.1	38.4	999.9	999.9
1.2	17.5	1205.5	875.0	22.0	9.3	999.9	99.9	99.9	99.9	307.7	331.6	8.5	42.8	999.9	999.9
2.2	17.7	1457.0	850.0	22.2	3.7	999.9	99.9	99.9	99.9	309.4	326.4	5.9	29.7	999.9	999.9
2.9	22.1	1716.1	825.0	20.4	0.9	265.2	4.2	4.2	0.3	310.2	324.7	0.9	27.1	0.9	236.
3.7	24.4	1988.8	800.0	18.3	-1.9	252.7	5.9	5.8	1.3	310.7	323.0	4.2	25.2	0.8	225.
4.5	26.4	2251.4	775.0	16.2	-2.6	268.4	6.2	6.1	1.0	311.3	323.4	4.1	27.4	0.6	262.
5.3	29.2	2528.6	750.0	13.3	-3.6	266.8	6.9	6.8	0.4	311.0	322.6	3.9	30.3	0.4	154.
6.2	31.6	2912.4	725.0	10.6	-4.5	271.1	7.5	7.5	-0.1	311.1	322.4	3.8	30.3	0.7	120.
7.2	34.1	3103.1	700.0	7.9	-5.9	277.5	7.4	7.3	-1.0	311.2	322.6	3.8	30.8	1.1	109.
8.4	36.6	3401.9	675.0	5.1	-6.2	283.7	8.3	8.0	-2.0	311.4	322.8	3.9	47.3	1.6	107.
9.7	39.2	3708.5	650.0	2.2	-6.9	290.2	10.3	9.7	-3.6	311.4	321.9	3.5	50.9	2.3	107.
11.4	41.8	4024.3	625.0	0.2	-7.5	291.8	14.8	13.7	-5.5	312.7	323.2	3.5	56.1	3.6	109.
13.1	44.5	4358.5	600.0	-2.1	-8.4	290.7	18.0	16.9	-6.4	313.7	323.2	3.1	57.1	5.3	109.
14.3	47.2	4627.9	575.0	-3.6	-13.7	291.3	19.2	18.5	-7.2	315.2	323.0	2.3	45.8	6.6	110.
15.4	50.0	5039.0	550.0	-5.3	-20.2	292.1	19.5	18.1	-7.3	317.8	322.3	1.4	29.9	7.9	110.
16.7	52.9	5401.7	525.0	-7.9	-21.9	297.5	15.7	17.4	-9.1	318.8	323.1	1.3	31.2	9.5	111.
18.1	55.9	5779.1	500.0	-11.1	-21.2	300.2	19.4	16.7	-9.8	319.2	324.1	1.4	42.8	11.9	112.
19.5	59.8	6171.1	475.0	-13.8	-24.0	295.3	21.0	19.0	-9.0	320.5	324.7	1.2	41.9	12.7	113.
20.5	61.3	6579.5	450.0	-17.0	-25.9	292.7	22.0	20.3	-8.5	321.5	325.3	1.0	45.6	14.6	113.
22.3	65.0	7005.6	425.0	-25.1	-28.2	294.7	20.6	18.7	-8.6	323.2	326.2	0.9	48.4	16.3	113.
23.7	69.3	7451.7	400.0	-23.8	-32.5	301.8	19.3	16.4	-10.2	324.1	326.2	0.6	43.1	18.0	114.
25.1	71.6	7928.7	375.0	-26.6	-39.6	307.8	18.8	14.9	-11.5	326.4	327.6	0.3	27.7	19.6	114.
26.8	75.1	8415.0	350.0	-30.7	-42.7	305.3	20.6	16.8	-11.9	327.4	328.3	0.2	29.5	21.4	116.
28.6	78.7	8937.6	325.0	-34.3	-48.4	302.3	22.3	18.9	-11.9	329.2	329.9	0.1	18.7	23.7	116.
30.3	82.5	9491.8	300.0	-39.3	-53.5	299.4	22.9	20.0	-11.3	330.8	330.4	0.1	20.1	26.2	117.
32.4	86.5	10081.3	275.0	-44.6	-60.9	295.7	23.6	21.2	-10.2	330.6	330.9	99.9	999.9	29.1	117.
34.7	92.7	10712.9	250.0	-48.9	-68.9	291.3	32.3	30.1	-11.7	333.4	333.4	99.9	999.9	32.8	116.
37.1	95.2	11353.0	225.0	-55.2	-80.9	256.5	38.2	34.2	-17.1	333.4	333.4	99.9	999.9	37.7	116.
39.4	99.9	12137.5	200.0	-60.9	-90.9	303.2	55.6	46.5	-30.4	336.4	336.4	99.9	999.9	44.2	117.
42.4	105.0	12955.5	175.0	-66.2	-99.9	305.7	53.7	43.6	-31.4	340.8	340.8	99.9	999.9	54.5	118.
45.7	110.5	13827.3	150.0	-68.8	-99.9	302.6	46.7	39.3	-25.1	353.1	353.1	99.9	999.9	64.4	119.
49.1	116.5	14926.7	125.0	-66.4	-99.9	306.4	30.5	24.6	-18.1	374.8	374.8	99.9	999.9	72.4	120.
54.4	121.7	16328.8	100.0	-62.1	-99.9	301.9	19.2	16.3	-10.2	396.1	396.1	99.9	999.9	80.9	120.
60.4	131.7	19082.7	75.0	-62.1	-99.9	326.9	8.2	4.5	-6.9	442.7	442.7	99.9	999.9	85.1	120.
69.8	161.7	20594.7	50.0	-60.8	-99.9	40.7	4.3	-3.3	-2.8	502.2	502.2	99.9	999.9	85.9	121.
82.9	154.0	25048.7	25.0	-58.4	-99.9	599.9	99.9	99.9	99.9	639.8	639.8	99.9	999.9	83.8	123.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION ID. 235
HIGHLAND, TEXAS

26 APRIL 1979
535 CRT

TIME MIN	CMTCT	HEIGHT GPM	PHES MB	TEPP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.5	873.0	911.3	20.0	10.1	60.0	11.3	-9.8	-5.6	301.1	324.5	0.6	53.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.5	938.5	938.5	18.5	10.4	69.7	14.5	-13.6	-5.0	300.5	325.6	0.9	54.5	0.4	243.
1.2	16.7	1221.5	875.0	16.6	9.9	69.1	14.4	-13.5	-5.1	301.0	325.0	0.9	54.9	0.4	243.
2.0	19.9	1467.9	850.0	15.1	9.0	76.0	10.1	-9.8	-2.3	302.0	325.3	0.8	54.9	0.4	247.
2.9	21.2	1722.6	825.0	17.6	8.5	117.8	4.3	-3.8	2.0	307.2	331.0	0.5	55.0	1.6	247.
3.8	23.5	1925.7	800.0	17.8	-2.1	222.5	4.1	2.8	3.0	310.2	322.4	0.1	20.0	1.9	255.
4.9	25.9	2251.6	775.0	17.0	-6.3	240.1	6.6	5.8	3.3	312.1	321.4	3.1	19.7	1.6	257.
5.3	23.2	2534.8	750.0	14.6	-6.7	238.0	8.9	7.6	4.6	312.6	321.9	3.1	22.2	1.2	265.
6.3	30.7	2816.8	725.0	12.1	-6.7	244.9	10.7	9.7	4.6	312.6	322.4	3.2	26.1	0.6	287.
7.9	33.1	3112.1	700.0	9.1	-6.3	249.4	13.0	11.9	5.2	312.6	322.9	3.4	32.8	0.6	357.
8.9	35.6	3412.0	675.0	6.5	-6.4	278.7	15.1	15.0	-1.7	313.6	323.6	3.5	39.1	1.1	38.
10.0	33.2	3720.2	650.0	3.7	-7.2	276.1	13.8	13.8	-1.6	313.1	323.5	3.4	44.7	1.9	76.
11.1	40.7	4337.3	625.0	0.8	-7.5	278.4	14.3	14.2	-2.1	313.4	323.9	3.5	53.5	2.7	83.
12.2	43.3	4364.1	600.0	-1.6	-7.7	295.5	15.0	14.5	-4.0	316.2	325.2	3.6	63.2	3.6	87.
13.4	45.0	4701.7	575.0	-3.3	-13.7	293.8	17.0	15.5	-6.9	316.2	323.4	2.3	44.1	4.8	93.
14.6	47.8	5052.2	550.0	-5.9	-17.1	299.4	16.7	14.5	-6.2	317.2	322.9	1.9	50.0	7.1	102.
15.8	51.6	5414.7	525.0	-8.8	-17.3	284.6	17.1	15.5	-7.1	317.6	323.7	1.9	50.0	5.9	98.
17.1	54.4	5791.4	500.0	-10.5	-22.3	289.5	18.8	17.7	-6.3	320.3	325.4	1.3	37.0	9.9	104.
18.5	57.4	6184.8	475.0	-12.9	-25.4	296.0	17.1	15.4	-7.8	322.0	325.4	1.0	34.2	9.9	104.
19.9	60.4	6595.0	450.0	-16.0	-24.5	300.8	17.3	14.8	-8.8	323.2	327.1	1.2	47.5	11.3	106.
21.4	63.6	7022.3	425.0	-20.2	-26.4	286.6	16.4	14.6	-7.3	323.1	326.6	1.0	57.1	12.8	109.
22.9	65.9	7453.8	400.0	-23.4	-25.9	292.9	18.3	16.9	-7.1	323.5	328.1	1.1	73.2	16.3	108.
24.6	70.1	7937.6	375.0	-26.3	-32.2	298.1	20.5	18.1	-9.6	326.7	329.1	0.7	57.5	16.2	109.
26.4	73.6	8433.3	350.0	-30.0	-35.0	301.3	23.2	19.8	-13.1	328.3	330.1	0.5	55.9	18.5	111.
28.3	77.1	8956.7	325.0	-34.1	-39.6	299.8	26.4	22.9	-13.1	329.6	331.0	0.4	57.1	21.3	112.
30.2	80.9	9511.9	300.0	-38.8	-42.6	298.4	28.9	25.9	-12.9	330.7	331.8	0.3	66.8	24.5	113.
32.1	84.8	10103.7	275.0	-43.5	99.9	295.6	33.6	30.3	-14.5	332.2	999.9	99.9	99.9	30.2	114.
34.3	89.0	10736.4	250.0	-48.8	99.9	297.0	38.2	34.1	-17.4	333.6	999.9	99.9	99.9	32.8	114.
36.6	93.3	11421.2	225.0	-54.0	99.9	293.7	43.4	39.8	-17.5	335.6	999.9	99.9	99.9	36.2	114.
39.0	94.0	12165.9	200.0	-60.1	99.9	298.2	48.4	46.4	-24.9	337.6	999.9	99.9	99.9	45.2	116.
42.6	103.2	12987.7	175.0	-65.2	99.9	300.8	51.8	49.8	-26.8	342.4	999.9	99.9	99.9	57.0	115.
45.7	105.8	13927.7	150.0	-68.4	99.9	301.2	49.3	37.9	-23.0	355.7	999.9	99.9	99.9	70.3	116.
49.5	115.0	15027.8	125.0	-65.6	99.9	300.0	23.2	25.3	-14.6	378.8	999.9	99.9	99.9	90.1	117.
54.0	122.0	16372.7	100.0	-67.4	99.9	293.6	17.2	15.8	-9.9	397.8	999.9	99.9	99.9	94.8	117.
60.4	130.3	18147.2	75.0	-62.2	99.9	310.4	11.5	8.7	-7.4	442.8	999.9	99.9	99.9	94.8	117.
69.1	140.5	20457.8	50.0	-58.3	99.9	31.4	4.0	-3.1	-5.1	503.6	999.9	99.9	99.9	94.3	117.
85.0	150.0	25115.2	25.0	-48.2	99.9	999.9	99.9	99.9	99.9	640.2	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS26 APRIL 1979
010 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DB M	E POT Y DG K	MX RTO CM/KG	RM PCY	RANGE KM	AZ DG
0.0	13.8	873.0	912.6	13.9	7.2	30.0	8.2	-4.1	-7.1	294.7	313.5	7.0	64.0	0.0	0.
95.9	99.9	59.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.5	99.9	59.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.9	990.4	900.0	13.6	7.6	66.1	15.3	-14.0	-6.2	295.8	315.2	7.3	66.8	0.5	197.
1.2	17.1	1227.5	875.0	11.8	7.6	60.2	16.2	-14.0	-8.0	296.8	316.3	7.5	75.5	1.1	228.
2.0	19.5	1465.7	850.0	5.5	7.0	54.4	16.5	-13.4	-9.6	298.2	316.2	7.5	86.5	1.9	231.
2.3	21.7	1717.4	825.0	5.0	9.0	65.2	11.8	-10.7	-4.9	298.3	321.9	8.8	100.7	2.7	232.
3.7	24.1	1974.9	800.0	12.4	7.4	122.0	5.4	-4.7	3.0	304.4	327.0	9.1	71.6	3.0	235.
4.6	26.5	2243.0	775.0	14.6	-1.8	200.7	6.7	2.4	6.2	309.5	322.3	4.4	32.4	2.9	240.
5.3	29.8	2515.1	750.0	12.6	-6.0	240.8	9.5	8.3	4.6	310.2	320.1	3.3	26.7	2.6	242.
6.3	31.3	2902.7	725.0	10.9	-6.9	270.0	11.1	11.1	0.0	311.4	320.9	3.1	27.9	2.0	238.
7.4	33.8	3094.5	700.0	9.2	-8.3	281.4	12.6	12.3	-2.5	312.7	321.6	2.9	28.1	1.5	216.
9.4	36.3	3394.5	675.0	6.7	-8.2	281.8	11.3	11.1	-2.3	313.1	322.4	3.1	23.8	1.3	187.
9.4	38.8	3702.9	650.0	3.7	-7.7	282.9	11.6	11.3	-2.6	313.1	323.1	3.3	42.9	1.6	161.
10.6	41.4	4020.1	625.0	0.9	-8.0	278.5	12.6	12.5	-1.9	313.5	323.7	3.4	51.3	2.1	142.
11.6	44.1	4346.9	600.0	-1.3	-10.1	278.9	14.4	14.3	-2.2	314.6	323.7	3.0	51.3	2.8	129.
12.9	46.3	4625.3	575.0	-3.4	-10.8	284.7	16.9	16.4	-4.3	316.1	325.1	2.9	56.3	3.8	121.
14.0	49.6	5035.4	550.0	-6.0	-14.0	286.6	18.3	17.5	-5.3	317.0	324.4	2.4	52.9	5.0	118.
15.1	52.4	5357.9	525.0	-8.7	-14.3	287.8	17.7	16.8	-5.4	318.0	324.5	2.0	54.1	6.3	115.
16.3	55.3	5774.4	500.0	-10.7	-22.9	291.5	20.2	18.8	-7.4	320.0	324.0	1.2	35.8	7.5	115.
17.5	58.3	6167.4	475.0	-12.2	-25.6	290.3	21.6	20.2	-7.5	321.4	324.9	1.0	33.0	9.1	114.
18.8	61.3	6576.9	450.0	-16.5	-25.0	291.2	22.3	20.7	-8.1	322.5	326.2	1.1	47.7	10.7	113.
20.1	64.4	7003.9	425.0	-20.0	-26.6	292.5	20.8	19.2	-7.9	323.2	326.8	1.0	55.4	12.4	113.
21.5	67.5	7450.8	400.0	-23.2	-29.8	288.2	19.5	18.5	-6.1	323.6	327.6	0.8	56.5	14.1	113.
23.0	71.0	7919.9	375.0	-26.3	-29.1	288.8	20.8	19.7	-6.7	324.8	330.0	0.9	77.0	15.8	112.
24.6	74.4	8415.2	350.0	-30.3	-32.7	288.4	25.7	24.4	-8.1	327.9	330.3	0.7	79.4	18.1	112.
26.3	78.1	8937.5	325.0	-34.9	-37.0	287.5	24.5	23.4	-7.3	328.7	330.4	0.5	80.1	20.6	111.
28.2	81.8	9498.9	300.0	-39.1	-39.8	290.9	27.3	25.5	-9.7	330.2	330.9	99.9	99.9	23.5	111.
30.3	85.8	10082.2	275.0	-43.0	-39.9	288.2	32.5	30.8	-10.2	333.0	330.9	99.9	99.9	27.2	111.
32.4	90.0	10717.6	250.0	-47.6	-39.9	287.6	41.4	39.4	-12.5	335.3	330.9	99.9	99.9	31.8	110.
34.9	94.3	11400.8	225.0	-52.4	-39.9	290.3	45.2	42.4	-15.7	336.7	330.9	99.9	99.9	36.4	110.
37.4	99.0	12151.5	200.0	-60.1	-39.9	99.9	99.9	99.9	99.9	337.6	330.9	99.9	99.9	43.4	110.
95.9	99.9	59.9	175.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INT. *OLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

TIME MIN	CMTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCMF M/SEC	V CCMF M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	13.4	873.0	915.0	11.7	5.1	30.0	4.6	-2.3	-4.0	292.2	308.4	6.1	64.0	0.0	0.
9.0	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	925.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	16.7	1011.4	900.0	11.0	5.2	47.5	8.3	-6.1	-5.6	292.5	309.5	6.2	67.6	0.3	22.1
1.4	19.2	1245.8	875.0	8.9	4.6	58.4	12.0	-10.2	-6.3	293.0	309.4	6.1	76.5	0.7	23.1
2.2	21.6	1466.0	850.0	9.7	0.2	62.7	15.1	-13.4	-6.9	296.2	309.0	4.6	71.4	1.5	23.7
3.2	24.1	1734.2	825.0	9.7	5.9	63.7	12.2	-10.9	-5.4	298.5	318.3	7.1	78.0	2.4	23.9
4.2	26.5	1990.3	800.0	5.4	7.2	58.6	4.7	-4.0	-2.4	301.2	323.1	0.0	80.1	2.9	24.0
5.1	29.1	2259.2	775.0	5.4	5.1	304.6	4.9	4.1	-2.8	303.8	323.9	7.2	74.7	2.9	24.0
6.2	31.7	2527.0	750.0	10.3	1.1	285.2	12.4	11.9	-3.2	307.6	323.7	5.5	52.8	2.4	23.1
7.1	34.2	2808.5	725.0	6.4	-1.0	302.2	13.0	11.7	-7.4	308.7	323.0	4.9	51.3	2.2	21.4
8.2	36.9	3097.9	700.0	7.3	-3.3	314.5	12.3	8.0	-8.7	310.5	323.2	4.3	47.1	2.5	19.4
9.1	39.3	3357.0	675.0	6.0	-5.2	307.7	11.8	9.3	-7.2	312.4	323.8	3.8	44.3	2.9	18.2
10.4	42.1	3704.8	650.0	3.2	-6.3	294.4	11.8	10.6	-4.9	312.4	323.7	3.7	49.7	3.4	15.8
11.6	45.0	4021.4	625.0	0.6	-6.8	287.6	11.1	10.6	-3.4	313.1	324.2	3.6	57.6	3.9	15.8
12.9	47.9	4347.8	600.0	-2.4	-7.6	286.3	11.7	11.2	-3.3	313.1	324.2	3.6	67.7	4.5	14.9
14.1	50.9	4683.8	575.0	-5.6	-7.9	285.6	14.2	13.7	-3.8	313.5	324.6	3.7	63.8	5.2	14.2
15.3	53.9	5031.3	550.0	-7.8	-11.3	287.9	17.6	16.7	-5.4	314.8	323.9	3.0	76.4	6.2	13.6
16.6	56.9	5391.5	525.0	-10.4	-15.7	291.7	15.4	18.0	-7.2	316.0	322.7	2.1	64.7	7.4	13.1
17.8	60.0	5765.6	500.0	-12.5	-19.8	299.4	19.4	16.9	-9.5	317.5	323.0	1.6	54.3	8.9	12.9
19.4	63.1	6156.0	475.0	-14.6	-23.1	297.9	19.9	17.6	-9.3	319.5	324.0	1.2	48.0	10.6	12.7
21.0	65.4	6562.7	450.0	-17.0	-24.4	291.6	24.2	22.5	-8.9	321.8	325.7	1.2	52.3	12.7	12.5
22.5	69.9	6990.4	425.0	-15.0	-25.6	286.3	26.9	25.9	-7.5	323.7	327.4	1.1	59.4	15.6	12.3
24.1	73.6	7437.3	400.0	-23.6	-26.4	284.1	28.3	27.4	-6.9	324.2	328.0	1.1	78.0	17.4	12.0
25.6	77.1	7903.4	375.0	-27.5	-30.0	286.4	29.8	28.6	-8.4	325.2	328.1	0.8	79.4	20.0	11.8
27.2	81.0	8347.0	350.0	-31.8	-32.9	288.4	27.9	26.5	-8.0	325.5	328.3	0.7	89.5	22.8	11.7
29.1	85.0	8918.0	325.0	-35.4	-36.4	284.3	27.1	26.3	-6.7	327.9	329.8	0.5	89.8	25.9	11.6
31.1	88.2	9471.3	300.0	-38.8	-43.7	280.1	29.5	29.1	-5.2	330.7	331.7	0.3	59.5	29.1	11.4
33.1	93.6	10063.6	275.0	-43.2	99.9	284.0	35.1	34.1	-6.5	332.6	339.9	99.9	99.9	33.0	11.3
35.4	98.2	10697.4	250.0	-48.8	99.9	284.6	41.6	40.2	-10.6	333.6	349.9	99.9	99.9	38.2	11.2
37.9	103.2	11380.4	225.0	-55.0	99.9	283.1	43.7	42.2	-11.4	334.4	349.9	99.9	99.9	44.7	11.1
40.7	108.4	12123.0	200.0	-60.7	99.9	287.1	51.1	48.8	-15.0	336.7	349.9	99.9	99.9	52.3	11.0
43.4	113.5	12948.9	175.0	-62.5	99.9	287.9	42.4	40.4	-13.0	340.2	349.9	99.9	99.9	60.3	11.0
46.5	120.8	13891.3	150.0	-66.0	99.9	291.5	37.5	34.9	-13.8	346.2	349.9	99.9	99.9	68.2	10.9
50.2	129.0	15065.7	125.0	-66.3	99.9	293.1	30.4	28.0	-11.9	375.4	349.9	99.9	99.9	75.2	11.0
54.1	136.0	16345.6	100.0	-66.7	99.9	298.2	21.9	18.3	-10.3	398.9	349.9	99.9	99.9	81.1	11.0
59.0	145.0	18103.5	75.0	-62.1	99.9	314.0	9.9	7.0	-6.9	442.7	349.9	99.9	99.9	85.7	11.1
67.5	155.0	20608.9	50.0	-60.1	99.9	3.8	5.7	-0.4	-5.7	501.5	349.9	99.9	99.9	89.1	11.2
81.9	165.0	25063.6	25.0	-50.1	99.9	79.9	4.6	-4.5	-0.8	640.2	349.9	99.9	99.9	87.0	1.3

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

25 APRIL 1979
1105 GMT

140 11.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO G4/KG	RM PCT	RANGE KM	AZ DEG
3.0	15.1	1193.0	878.6	18.0	-4.6	350.0	1.5	0.3	-1.5	302.1	311.1	3.1	21.0	0.0	0.0
9.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	19.4	1228.3	875.0	18.4	-3.3	340.9	1.4	0.5	-1.4	302.0	312.0	3.4	22.7	0.0	0.0
1.0	20.9	1477.3	850.0	15.3	-1.7	322.3	2.0	1.2	-1.6	306.4	318.0	4.0	24.1	0.1	166.
1.5	23.3	1732.6	825.0	17.2	-3.5	303.0	3.0	3.2	-2.0	306.7	317.3	3.0	24.2	0.2	155.
2.1	25.9	1933.6	800.0	14.9	-4.2	291.6	9.0	9.1	-3.6	307.1	317.4	3.5	26.4	0.3	132.
3.7	28.5	2260.9	775.0	12.9	-4.6	289.3	14.3	13.5	-4.7	307.7	318.0	3.5	29.2	1.7	115.
5.2	31.1	2532.3	750.0	11.1	-5.5	277.2	16.2	16.1	-2.0	308.7	318.7	3.4	30.5	3.0	110.
5.9	33.9	2917.8	725.0	10.2	-9.0	280.8	16.6	16.3	-3.1	310.7	318.8	2.7	24.9	4.6	104.
8.0	36.6	3106.3	700.0	7.8	-11.2	292.8	17.8	16.4	-6.9	311.1	318.3	2.3	20.6	5.8	105.
9.0	39.3	3406.0	675.0	5.8	-13.2	290.5	16.3	15.3	-5.7	312.1	318.5	2.1	24.2	6.8	106.
9.9	42.2	3714.3	650.0	3.3	-11.7	284.8	16.2	15.6	-4.1	312.7	320.1	2.4	32.2	7.7	106.
10.7	45.0	4038.9	625.0	1.4	-15.1	280.1	16.5	16.2	-2.9	315.0	320.0	1.9	28.1	8.5	105.
11.5	47.8	4356.7	600.0	-0.3	-16.8	277.4	17.2	17.1	-2.2	315.0	321.2	1.7	27.4	9.3	105.
12.5	50.8	4658.0	575.0	-2.3	-16.3	270.0	17.0	17.0	-0.6	317.4	323.3	1.9	33.0	10.3	104.
13.6	53.9	5049.0	550.0	-5.4	-18.2	261.4	17.3	17.1	2.6	317.7	323.9	2.0	42.4	11.4	102.
15.1	57.0	5411.8	525.0	-8.5	-18.6	263.5	14.2	14.1	-1.6	318.2	324.5	2.0	51.7	12.7	100.
16.7	60.3	5766.7	500.0	-11.1	-17.8	276.1	15.3	15.2	-1.6	319.2	325.6	1.9	57.7	14.0	99.
18.4	63.6	6180.4	475.0	-14.2	-20.4	283.2	16.5	16.1	-3.8	320.4	325.6	1.6	59.0	15.7	99.
20.0	67.0	6566.6	450.0	-17.0	-23.8	273.9	19.3	19.2	-2.0	321.9	326.6	1.2	55.3	17.4	99.
21.5	70.6	7016.4	425.0	-15.3	-20.5	282.7	21.9	21.3	-4.8	324.2	326.6	0.7	36.3	19.2	99.
23.0	74.1	7464.1	400.0	-23.0	-38.9	285.4	23.3	22.5	-6.2	325.1	326.8	0.5	32.6	21.2	100.
24.4	77.9	7933.8	375.0	-26.5	-35.9	290.7	26.6	24.9	-9.4	326.2	328.2	0.5	48.3	23.3	100.
26.2	81.7	8428.3	350.0	-30.6	-39.4	296.4	28.8	25.8	-12.8	327.4	328.7	0.3	41.5	26.1	102.
27.5	85.7	8958.6	325.0	-34.4	-42.7	293.1	33.2	30.6	-13.0	329.2	330.2	0.3	42.2	29.4	103.
28.9	89.8	9504.9	300.0	-38.9	-47.2	292.9	31.8	29.3	-12.4	330.5	331.2	0.2	40.8	31.1	105.
32.2	94.4	10055.8	275.0	-44.0	-50.9	293.3	36.2	33.8	-14.8	331.6	331.6	99.9	99.9	37.8	105.
34.5	99.0	10726.1	250.0	-45.4	-50.9	298.1	36.2	31.9	-17.1	332.7	332.7	99.9	99.9	42.8	107.
35.8	104.0	11410.9	225.0	-46.5	-50.9	305.7	43.3	35.1	-25.2	335.1	335.1	99.9	99.9	48.0	108.
39.3	109.3	12154.8	200.0	-48.5	-50.9	302.4	46.0	39.5	-25.1	337.0	337.0	99.9	99.9	54.6	111.
42.3	115.0	12803.2	175.0	-52.7	-50.9	296.1	53.20	47.8	-23.4	346.2	346.2	99.9	99.9	63.5	112.
45.1	121.0	13918.4	150.0	-56.8	-50.9	296.8	51.79	46.2	-23.0	351.4	351.4	99.9	99.9	72.9	112.
48.6	128.0	15009.9	125.0	-61.4	-50.9	295.5	36.80	32.5	-15.5	352.4	352.4	99.9	99.9	81.6	113.
52.4	135.3	16347.3	100.0	-64.4	-50.9	284.8	25.10	24.3	-6.4	355.6	355.6	99.9	99.9	90.1	113.
57.6	143.7	18128.0	75.0	-63.2	-50.9	326.6	13.30	7.3	-11.1	440.4	440.4	99.9	99.9	92.9	112.
64.5	152.3	20633.3	50.0	-60.0	-50.9	246.4	11.9	11.0	-4.7	502.1	502.1	99.9	99.9	93.4	113.
76.3	161.3	25101.5	25.0	-48.5	-50.9	999.9	99.9	99.9	99.9	645.5	645.5	99.9	99.9	93.2	116.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TX/AS

25 APRIL 1979
1405 GMT

TIME M/T	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.0	1192.0	879.4	20.3	-2.7	290.0	3.4	3.4	-1.2	304.4	314.0	3.6	21.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.2	1238.3	875.0	19.8	-1.9	999.9	99.9	99.9	99.9	304.4	315.4	3.6	23.1	999.9	999.9
1.4	20.7	1425.3	850.0	18.6	-2.8	999.9	99.9	99.9	99.9	305.7	316.4	3.7	23.1	999.9	999.9
2.6	23.2	1740.2	825.0	17.0	-3.8	999.9	99.9	99.9	99.9	305.4	316.9	3.5	23.7	999.9	999.9
3.7	25.7	2001.9	800.0	15.7	-4.5	290.7	16.6	15.5	-5.9	307.5	318.0	3.4	24.5	3.0	118.
4.8	28.3	2265.9	775.0	13.6	-6.4	290.1	17.4	15.4	-8.2	308.5	317.6	3.1	24.3	4.0	117.
5.5	30.4	2544.9	750.0	11.3	-7.9	305.1	16.7	13.2	-9.3	308.6	317.3	2.8	25.2	4.0	117.
6.3	33.5	2826.5	725.0	9.0	-8.9	302.4	13.3	11.2	-7.1	309.3	317.4	2.7	27.2	5.0	119.
7.1	35.1	3116.1	700.0	7.2	-10.3	299.4	12.5	10.9	-6.1	310.5	318.0	2.5	27.5	6.1	119.
8.1	38.9	3412.8	675.0	4.6	-11.7	295.5	12.2	10.6	-5.0	312.0	318.7	2.3	29.4	6.7	119.
9.1	41.7	3720.4	650.0	2.7	-13.1	288.1	13.7	12.3	-6.0	313.6	319.4	2.1	30.0	7.5	119.
10.3	44.4	4036.5	625.0	1.0	-15.4	285.6	15.4	15.1	-4.2	315.7	322.9	1.8	30.0	8.6	118.
12.1	47.3	4363.9	600.0	-0.4	-13.2	260.3	14.9	14.9	1.0	315.7	322.9	2.3	37.4	10.2	114.
13.9	50.3	4703.3	575.0	-2.5	-15.5	282.2	12.5	12.4	1.7	317.1	323.4	2.0	35.8	11.5	110.
15.6	53.3	5054.3	550.0	-5.3	-17.0	270.0	13.8	13.8	-0.2	317.2	323.3	1.7	36.8	12.6	108.
16.9	56.3	5417.6	525.0	-8.4	-17.6	272.0	13.1	13.1	-0.6	318.2	324.2	1.8	47.4	13.7	107.
18.1	59.5	5754.3	500.0	-11.1	-18.4	273.2	11.5	11.5	-0.8	319.2	325.1	1.8	53.7	14.6	106.
19.5	62.8	6106.4	475.0	-13.7	-23.3	279.6	13.9	13.7	-2.3	321.1	325.1	1.2	44.0	15.5	105.
20.8	66.0	6555.9	450.0	-15.5	-33.2	280.9	17.7	17.3	-3.3	323.8	325.6	0.5	20.1	16.7	105.
22.6	69.4	7024.7	425.0	-18.7	-33.5	283.2	20.6	20.0	-4.7	325.0	326.0	0.5	25.0	18.0	104.
24.0	73.0	7473.2	400.0	-22.0	-36.9	281.4	23.5	23.0	-4.7	326.4	327.8	0.4	24.3	21.0	104.
26.0	75.7	7944.5	375.0	-26.0	-40.3	278.6	25.5	25.2	-3.8	327.1	328.2	0.3	24.6	24.6	104.
28.4	80.5	8440.6	350.0	-29.3	-45.3	282.4	29.4	28.7	-0.3	329.3	330.0	0.2	19.4	27.3	103.
30.1	85.5	8926.0	325.0	-32.2	-45.1	291.1	31.8	29.7	-11.4	330.9	331.7	0.2	29.0	30.5	104.
32.2	89.7	9523.0	300.0	-37.9	-49.2	298.1	29.8	24.3	-14.0	331.9	332.4	0.1	99.9	34.6	106.
34.2	93.0	10115.1	275.0	-43.4	99.9	304.0	31.1	23.5	-17.8	332.4	999.9	99.9	99.9	46.1	108.
36.1	97.7	10747.5	250.0	-45.0	99.9	308.3	31.7	24.9	-19.7	332.1	999.9	99.9	99.9	52.1	111.
38.6	102.6	11429.5	225.0	-54.8	99.9	301.9	37.3	31.6	-19.7	334.2	999.9	99.9	99.9	59.2	112.
41.2	109.0	12174.2	200.0	-59.5	99.9	300.3	42.1	36.4	-21.3	336.2	999.9	99.9	99.9	67.7	113.
43.0	113.6	13004.5	175.0	-62.7	99.9	296.1	51.2	44.0	-24.5	346.4	999.9	99.9	99.9	76.9	113.
46.4	120.0	13930.6	150.0	-65.1	99.9	296.5	54.5	48.8	-24.4	351.1	999.9	99.9	99.9	84.6	113.
47.7	127.0	15030.8	125.0	-66.9	99.9	297.7	57.9	53.4	-17.5	373.5	999.9	99.9	99.9	99.9	113.
52.9	135.3	16378.8	100.0	-65.3	99.9	295.3	55.4	53.0	-10.8	401.8	999.9	99.9	99.9	99.9	113.
58.3	146.3	18159.4	75.0	-62.3	99.9	309.3	12.1	9.3	-7.6	440.2	999.9	99.9	99.9	99.9	114.
65.1	154.7	20687.7	50.0	-59.2	99.9	353.0	6.3	0.8	-6.3	504.1	999.9	99.9	99.9	99.9	114.
76.7	165.0	25160.5	25.0	-50.0	99.9	106.0	13.4	-12.0	-3.7	640.8	999.9	99.9	99.9	99.9	115.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 18 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 270
 EL PASO, TEXAS

 25 APRIL 1979
 2005 GUT

TIME MIN	CNTCT	WEIGHT GEM	PRLS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	EX POT T DEG K	EX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.7	1103.0	878.3	28.2	-5.0	270.0	6.7	6.7	0.0	312.8	321.9	3.0	11.0	0.0	0.0
0.5	99.9	54.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	53.0	59.9	550.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.0	99.9	55.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.5	99.9	55.9	900.0	56.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	19.0	1226.3	875.0	27.5	0.3	999.9	99.9	99.9	99.9	312.4	325.6	4.5	17.0	999.9	99.9
3.5	23.4	1420.5	850.0	24.1	-1.7	999.9	99.9	99.9	99.9	311.4	323.2	4.0	16.0	999.9	99.9
4.0	22.5	1760.0	825.0	21.9	-2.8	999.9	99.9	99.9	99.9	311.7	323.0	3.8	18.9	999.9	99.9
4.5	25.4	2005.4	800.0	16.3	-4.2	999.9	99.9	99.9	99.9	311.7	322.2	3.5	20.0	1.1	90.0
5.0	27.9	2276.5	775.0	16.7	-5.3	284.7	11.5	11.1	-2.9	311.8	321.0	3.3	21.7	1.7	96.0
5.5	30.5	2550.1	750.0	12.8	-6.2	280.8	11.1	10.5	-3.4	311.6	321.2	3.2	24.4	2.4	98.0
6.0	33.1	2836.0	725.0	11.0	-7.0	299.0	11.4	10.0	-5.5	311.5	321.0	3.1	27.5	3.3	103.0
6.5	35.9	3125.7	700.0	9.0	-8.1	302.4	11.2	9.4	-6.0	312.2	321.5	3.0	29.0	4.1	106.0
7.0	39.4	3430.1	675.0	7.9	-9.7	291.0	13.9	13.0	-5.0	314.5	322.0	2.7	27.5	4.7	108.0
7.5	41.2	3740.3	650.0	6.1	-11.3	280.5	16.1	15.8	-2.9	315.5	323.0	2.5	27.3	5.5	108.0
8.0	44.0	4060.4	625.0	4.3	-15.1	277.4	14.9	14.8	-1.9	317.2	323.4	1.9	22.9	6.2	107.0
8.5	45.9	4390.8	600.0	1.3	-14.8	277.2	13.5	13.4	-1.7	317.6	323.0	2.0	28.9	6.9	106.0
9.0	49.8	4731.0	575.0	-2.0	-13.4	279.1	15.6	15.6	-2.5	317.6	325.0	2.4	41.1	7.7	105.0
9.5	52.6	5023.1	550.0	-4.7	-15.4	276.4	15.3	15.4	-1.7	319.2	325.2	2.1	42.8	8.6	104.0
10.0	55.9	5408.1	525.0	-6.8	-19.0	275.4	14.2	14.2	-1.3	320.2	325.5	1.6	37.2	9.6	103.0
10.5	59.0	5826.6	500.0	-10.0	-26.6	264.4	14.5	14.1	-3.4	320.2	323.7	0.9	24.1	10.9	103.0
11.0	62.1	6221.2	475.0	-11.4	-26.1	290.5	16.2	15.2	-5.7	323.5	327.1	1.0	28.4	12.5	104.0
11.5	63.5	6634.5	450.0	-13.8	-28.6	287.2	16.1	15.4	-4.0	325.9	328.7	0.8	27.2	14.3	104.0
12.0	65.9	7020.0	425.0	-16.0	-31.0	289.3	17.5	16.5	-5.8	327.4	329.6	0.6	25.8	15.8	104.0
12.5	72.4	7510.0	400.0	-19.8	-34.1	289.7	21.5	20.3	-7.2	329.3	331.2	0.5	26.8	17.4	105.0
13.0	76.0	7954.9	375.0	-22.9	-39.3	285.0	23.5	22.7	-6.1	331.4	332.6	0.3	28.4	19.2	105.0
13.5	73.8	8494.6	350.0	-27.1	-41.3	283.8	25.7	25.0	-6.1	332.2	333.3	0.3	29.3	21.0	105.0
14.0	91.0	9026.7	325.0	-31.0	-43.6	289.0	30.1	28.5	-9.2	334.0	334.9	0.2	27.5	24.9	105.0
14.5	87.8	9585.5	300.0	-35.4	-45.1	291.2	29.8	27.1	-10.5	335.5	336.3	0.2	30.0	27.8	104.0
15.0	92.2	10145.0	275.0	-40.4	-49.9	288.0	31.5	29.8	-10.1	336.4	999.9	99.9	999.9	31.3	104.0
15.5	95.8	10631.7	250.0	-45.4	99.9	295.7	30.1	32.5	-15.4	334.2	999.9	99.9	999.9	34.9	107.0
16.0	101.0	11525.6	225.0	-50.9	99.9	298.2	41.4	36.5	-19.6	340.5	950.9	99.9	999.9	39.2	108.0
16.5	106.0	12282.8	200.0	-54.5	99.9	299.7	52.2	45.3	-25.9	347.3	999.9	99.9	999.9	44.6	109.0
17.0	112.4	13120.9	175.0	-61.0	99.9	300.1	55.8	48.3	-28.0	348.0	999.9	99.9	999.9	51.5	11.0
17.5	113.5	14060.9	150.0	-67.3	99.9	294.4	54.4	48.6	-24.4	354.2	999.9	99.9	999.9	59.1	112.0
18.0	125.3	15150.1	125.0	-67.4	99.9	294.3	46.5	36.9	-16.7	373.6	999.9	99.9	999.9	68.5	112.0
18.5	132.0	16511.5	100.0	-67.0	99.9	298.0	24.7	21.0	-11.6	398.2	999.9	99.9	999.9	76.6	113.0
19.0	141.3	18206.5	75.0	-63.2	99.9	322.0	18.9	4.4	-8.4	440.2	999.9	99.9	999.9	77.9	113.0
19.5	150.5	20760.9	50.0	-60.9	99.9	343.0	6.9	2.0	-6.6	500.1	999.9	99.9	999.9	79.7	113.0
20.0	160.3	25244.4	25.0	-51.0	99.9	999.9	99.9	99.9	99.9	634.8	999.9	99.9	999.9	80.6	114.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
 EL PASO, TEXAS

 26 APRIL 1979
 300 GWT

TIME MIN	CNTCT	WEIGHT GFW	PRES MB	TEMP DEG C	DPS DT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE AN	AZ DEG
3.0	17.4	1193.0	877.0	26.5	-8.4	270.0	7.7	7.7	0.0	311.1	318.0	2.2	9.0	0.0	0.0
9.9	99.9	55.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	59.9	975.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	525.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	17.6	1213.1	875.0	26.4	-6.3	253.7	6.8	6.5	1.9	311.2	319.8	2.8	11.6	0.0	4.0
1.0	20.8	1466.9	850.0	23.8	-2.0	259.3	8.5	8.4	1.6	311.1	322.6	3.9	17.9	0.2	6.0
1.9	22.4	1724.3	825.0	21.5	-3.5	289.7	14.4	13.6	-4.0	311.4	322.1	3.6	18.3	1.0	10.2
3.1	24.9	1991.5	800.0	19.4	-3.8	300.3	11.5	10.0	-5.8	311.6	322.7	3.6	20.5	1.9	10.8
4.2	27.4	2262.8	775.0	16.4	-5.0	290.9	19.4	14.4	-1.4	311.6	321.5	3.2	22.5	2.7	11.2
5.7	29.9	2540.2	750.0	14.1	-6.3	275.2	15.9	15.8	-1.4	312.5	321.5	3.2	23.8	4.2	10.8
7.0	32.4	2824.8	725.0	11.6	-6.5	265.7	15.0	15.0	1.2	312.5	322.0	3.1	27.5	5.3	10.4
9.1	35.0	3116.5	700.0	8.9	-7.5	263.4	16.0	15.9	1.8	312.3	321.8	3.1	30.6	6.4	10.1
2.2	37.7	3416.6	675.0	6.7	-8.5	266.9	15.1	15.1	0.8	313.1	322.2	3.0	32.8	7.3	9.9
10.1	40.3	3724.9	650.0	4.0	-10.1	275.0	15.1	15.1	-1.3	313.5	321.8	2.7	34.8	8.2	9.8
11.0	43.1	4042.2	625.0	1.6	-11.9	283.0	15.4	15.0	-3.4	314.2	321.8	2.5	35.8	9.0	9.8
11.9	45.9	4370.0	600.0	-0.2	-15.6	288.3	13.3	12.6	-4.2	315.9	321.9	1.9	30.3	9.8	9.8
12.9	48.8	4705.0	575.0	-3.0	-18.4	291.2	11.4	10.6	-4.1	316.4	321.4	1.6	25.4	10.4	9.9
14.0	51.7	5055.4	550.0	-5.8	-19.8	289.5	12.6	11.9	-4.2	317.2	321.9	1.4	31.8	11.2	10.0
15.2	54.7	5421.7	525.0	-9.1	-20.5	289.1	13.1	12.4	-4.3	317.5	322.1	1.4	38.8	12.2	10.1
16.8	57.8	5757.3	500.0	-11.7	-22.4	289.4	16.4	15.7	-5.5	318.7	322.9	1.3	40.8	13.5	10.2
17.5	60.9	6188.7	475.0	-14.0	-26.6	286.0	19.2	18.4	-8.3	320.7	323.8	0.9	32.2	15.4	10.2
20.3	64.1	6557.5	450.0	-16.3	-29.0	289.7	20.6	19.4	-8.9	322.6	325.4	0.8	32.4	17.4	10.3
21.8	67.4	7025.3	425.0	-19.3	-30.0	292.0	21.2	19.7	-7.9	324.2	326.8	0.7	35.2	19.4	10.4
27.6	70.9	7474.0	400.0	-22.1	-31.0	296.7	23.9	21.3	-10.7	326.3	328.8	0.7	44.0	21.4	10.5
28.0	74.9	7945.4	375.0	-25.8	-33.7	292.3	25.9	24.0	-9.8	327.5	329.6	0.6	46.8	23.9	10.6
26.7	78.1	8441.6	350.0	-29.0	-32.6	290.0	27.7	26.0	-9.5	329.7	332.1	0.7	70.3	26.5	10.6
28.2	82.0	8967.4	325.0	-33.1	-36.3	290.8	32.8	30.6	-11.7	331.1	333.0	0.5	72.9	29.2	10.7
29.7	86.0	9525.1	300.0	-37.5	-39.1	291.6	33.0	30.7	-12.1	332.5	336.1	0.4	84.8	32.3	10.7
31.6	90.3	10119.5	275.0	-42.5	99.9	289.3	28.8	28.2	-9.9	333.6	339.9	99.9	99.9	36.0	10.8
34.1	94.8	10757.0	250.0	-47.0	99.9	288.5	38.3	36.3	-12.1	336.1	344.4	99.9	99.9	40.7	10.8
36.2	99.6	11445.9	225.0	-52.9	99.9	291.4	42.0	39.1	-15.3	337.4	349.9	99.9	99.9	45.9	10.8
33.5	104.6	12153.6	200.0	-59.5	99.9	291.2	49.8	46.5	-18.0	338.8	359.9	99.9	99.9	52.2	10.8
40.5	110.2	13021.5	175.0	-63.9	99.9	293.5	53.1	48.7	-21.1	344.4	369.9	99.9	99.9	58.2	10.9
42.3	116.3	13954.2	150.0	-69.1	99.9	293.8	46.1	42.3	-18.4	351.8	369.9	99.9	99.9	63.8	10.9
43.7	123.0	15032.7	125.0	-71.3	99.9	292.5	37.3	34.5	-10.3	366.6	369.9	99.9	99.9	69.8	11.0
47.8	130.7	16369.2	100.0	-68.6	99.9	297.5	22.1	19.6	-16.3	395.4	399.9	99.9	99.9	75.8	11.0
52.8	139.3	18121.2	75.0	-65.6	99.9	314.1	9.3	6.7	-8.5	435.8	439.9	99.9	99.9	79.4	11.0
67.3	149.9	20831.0	50.0	-61.2	99.9	188.6	6.3	0.9	-6.2	499.2	499.9	99.9	99.9	88.4	11.2
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS26 APRIL 1979
908 GMT

TIME MIN	CNTCT	HEIGHT CFM	PRIS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG	E POT 1 DEG	RE RTO M/SEC	PM M/SEC	RANGE NM	AZ DEG
0.9	17.6	1193.0	878.8	24.6	-2.9	290.0	0.2	5.8	-2.1	309.8	319.0	3.5	16.0	0.0	0.0
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	925.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	17.9	1230.9	875.0	24.0	-6.7	299.7	11.9	10.0	-5.7	309.8	317.0	2.7	11.0	0.3	90.0
0.8	20.5	1482.7	850.0	22.9	-7.5	302.3	13.1	11.1	-7.0	310.2	317.9	2.6	12.4	0.6	122.0
1.5	22.9	1741.9	825.0	20.5	-7.6	299.5	12.4	10.0	-6.1	310.0	317.9	2.6	14.5	1.1	122.0
2.2	25.4	2006.1	800.0	18.4	-4.6	282.3	11.2	11.0	-2.4	310.2	317.9	3.5	20.0	1.6	119.0
3.0	27.9	2276.5	775.0	15.9	-5.4	283.9	13.2	12.0	-3.2	310.2	320.0	3.3	22.6	2.1	115.0
3.8	30.4	2553.9	750.0	14.4	-6.2	278.0	17.2	17.0	-2.4	312.2	321.9	3.2	23.5	2.4	111.0
5.3	33.0	2838.5	725.0	11.5	-7.2	278.3	17.5	17.3	-2.5	312.1	321.9	3.1	26.1	4.4	106.0
6.8	35.7	3130.6	700.0	5.3	-7.9	288.9	16.7	15.0	-5.4	312.8	321.9	3.0	28.7	6.0	100.0
9.4	39.3	3431.0	675.0	7.3	-9.9	301.8	15.5	13.1	-8.1	313.4	322.0	2.7	28.2	7.4	107.0
5.6	41.0	3746.2	650.0	5.4	-12.7	305.0	15.1	12.4	-8.7	315.1	322.0	2.2	25.5	8.5	109.0
10.9	43.9	4059.0	625.0	2.7	-15.6	303.9	16.0	13.2	-8.9	315.6	321.3	1.8	24.4	9.7	111.0
12.1	46.7	4387.7	600.0	0.3	-16.8	304.7	14.5	11.9	-8.3	316.2	321.9	1.7	26.3	10.7	112.0
13.1	49.6	4727.6	575.0	-2.2	-13.5	308.0	13.0	10.6	-8.5	317.2	323.9	2.3	41.4	11.6	113.0
14.1	52.5	5078.8	550.0	-5.2	-16.9	305.7	13.0	11.2	-8.1	318.0	323.9	1.9	39.2	12.4	114.0
15.0	55.5	5442.9	525.0	-7.1	-22.7	298.0	15.3	13.5	-7.2	319.5	323.8	1.2	27.4	13.2	115.0
16.0	58.6	5821.3	500.0	-10.2	-20.1	296.7	14.8	13.2	-6.6	320.6	325.7	1.5	43.7	14.1	115.0
17.1	61.9	6214.6	475.0	-12.6	-26.5	291.5	16.7	15.6	-6.1	322.3	325.4	0.9	30.3	15.0	116.0
18.2	65.1	6624.8	450.0	-15.6	-31.1	282.3	21.4	20.9	-4.6	323.6	325.8	0.6	24.0	16.4	116.0
19.7	69.6	7053.4	425.0	-19.1	-32.5	278.9	23.0	22.7	-3.6	324.2	326.6	0.6	29.5	18.2	113.0
21.3	72.0	7501.5	400.0	-23.0	-29.5	281.4	23.2	22.6	-4.6	325.2	326.0	0.8	29.5	18.2	113.0
23.0	75.7	7971.6	375.0	-26.5	-34.7	281.0	24.7	24.2	-4.7	326.8	328.4	0.5	45.9	22.0	110.0
24.7	79.4	8466.2	350.0	-30.2	-32.4	282.8	24.2	23.6	-5.4	328.0	330.5	0.7	61.5	25.3	109.0
26.6	83.3	8989.3	325.0	-34.2	-42.0	285.8	29.3	28.2	-8.0	329.6	330.7	0.3	44.9	28.2	109.0
28.6	87.5	9567.2	300.0	-36.5	-37.9	284.9	33.5	32.3	-8.6	334.0	335.8	0.5	66.6	32.2	109.0
30.7	91.9	10144.4	275.0	-41.4	59.9	286.4	33.4	32.1	-9.4	335.2	339.9	99.9	99.9	36.3	104.0
32.8	96.3	10783.2	250.0	-47.3	59.9	288.7	34.4	32.6	-11.0	335.9	339.9	99.9	99.9	40.3	104.0
35.0	101.2	11471.1	225.0	-53.2	59.9	285.7	41.9	40.3	-11.3	337.6	339.9	99.9	99.9	45.3	104.0
37.0	106.4	12219.4	200.0	-59.1	59.9	285.9	45.5	43.6	-12.5	339.2	339.9	99.9	99.9	50.6	104.0
40.1	112.2	13045.0	175.0	-64.1	99.9	291.1	46.6	43.4	-16.7	344.2	339.9	99.9	99.9	59.7	104.0
42.1	118.3	13923.1	150.0	-68.6	99.9	288.6	44.4	42.1	-14.2	352.8	339.9	99.9	99.9	65.1	104.0
44.0	125.3	15076.0	125.0	-68.1	99.9	294.0	35.5	32.4	-14.5	369.8	339.9	99.9	99.9	72.6	104.0
45.1	133.0	16417.5	100.0	-65.5	99.9	292.4	24.9	23.0	-9.5	393.6	339.9	99.9	99.9	77.3	104.0
52.2	161.7	19174.6	75.0	-63.0	99.9	309.2	11.5	8.0	-7.3	440.2	339.9	99.9	99.9	80.9	104.0
54.6	151.7	20674.5	50.0	-62.0	99.9	13.6	5.5	-1.3	-8.4	497.4	339.9	99.9	99.9	81.9	110.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

26 APRIL 1979
005 GBT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT CC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DC M	POT 2 DC M	WZ RTG CM/SEC	RM PCF	RANGE KM	AZ DC
0.0	17.0	1193.0	879.2	22.0	-6.1	340.0	12.9	4.4	-12.1	207.1	315.3	2.0	10.0	0.0	0.
0.2	90.0	90.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1.2	10.0	1234.0	875.0	22.5	-1.6	309.0	90.0	90.0	90.0	307.2	310.6	3.0	10.0	0.0	0.
1.4	23.5	1485.0	850.0	20.9	-2.3	309.0	90.0	90.0	90.0	308.0	319.3	3.0	10.0	0.0	0.
1.6	23.0	1742.7	725.0	19.7	-3.5	309.0	90.0	90.0	90.0	309.0	320.0	3.0	10.0	0.0	0.
1.8	25.6	2064.0	800.0	17.0	-2.9	291.0	16.0	14.9	-9.9	310.3	321.0	3.0	10.0	0.0	0.
2.0	24.2	2278.0	775.0	15.0	-6.1	290.0	14.7	13.0	-5.2	310.6	321.0	3.0	10.0	0.0	0.
2.2	33.9	2533.0	750.0	12.9	-6.8	296.5	13.2	11.0	-5.0	310.6	319.0	3.0	10.0	0.0	0.
2.4	33.6	2036.9	725.0	10.7	-6.8	206.4	13.4	10.8	-7.9	311.3	320.0	3.0	10.0	0.0	0.
2.6	36.2	3128.0	700.0	8.3	-7.4	311.1	11.0	8.3	-7.2	311.6	321.1	3.0	10.0	0.0	0.
2.8	38.9	3427.2	675.0	6.2	-8.0	305.0	9.4	7.6	-5.5	312.6	322.0	3.0	10.0	0.0	0.
3.0	41.7	3733.2	650.0	2.6	-8.0	297.9	10.6	9.7	-5.1	313.0	322.2	3.0	10.0	0.0	0.
3.2	44.6	4032.2	625.0	0.0	-9.3	290.7	11.3	10.5	-4.0	313.2	322.0	3.0	10.0	0.0	0.
3.4	47.4	4379.6	600.0	-0.6	-13.7	282.9	11.5	11.2	-2.6	313.4	322.3	3.0	10.0	0.0	0.
3.6	50.4	4717.9	575.0	-3.7	-12.6	281.0	13.1	12.8	-2.5	315.6	323.4	2.5	10.0	0.0	0.
3.8	53.5	5067.3	550.0	-6.7	-17.2	281.6	13.6	13.4	-2.7	316.2	322.7	2.1	10.0	0.0	0.
4.0	54.5	5429.0	525.0	-6.6	-17.2	282.2	13.0	13.5	-2.9	316.5	322.9	1.9	10.0	0.0	0.
4.2	59.0	5809.0	500.0	-12.0	-25.4	281.7	15.9	15.4	-3.2	318.4	321.6	1.0	10.0	0.0	0.
4.4	63.0	6194.5	475.0	-15.0	-25.1	279.6	18.1	17.9	-3.0	319.2	322.9	1.0	10.0	0.0	0.
4.6	65.3	6401.0	450.0	-18.5	-28.2	277.2	18.9	18.0	-2.4	320.1	322.9	1.0	10.0	0.0	0.
4.8	66.0	7025.0	425.0	-20.7	-32.9	273.3	21.1	21.1	-1.2	322.2	324.4	0.6	10.0	0.0	0.
5.0	73.0	7472.0	400.0	-23.7	-33.7	268.6	22.1	22.1	0.5	324.2	324.2	0.5	10.0	0.0	0.
5.2	77.0	7939.4	375.0	-26.0	-34.2	271.0	23.4	23.4	-0.4	324.2	324.5	0.6	10.0	0.0	0.
5.4	80.6	8432.9	350.0	-30.5	-35.5	275.0	26.9	26.7	-2.7	327.6	329.0	0.6	10.0	0.0	0.
5.6	86.7	8955.7	325.0	-33.9	-37.2	260.2	29.0	28.5	-5.1	330.6	331.7	0.5	10.0	0.0	0.
5.8	89.0	9511.6	300.0	-36.4	-42.0	261.1	31.3	30.7	-6.0	331.2	332.4	0.3	10.0	0.0	0.
6.0	91.2	10109.3	275.0	-43.0	-49.0	270.4	34.7	34.4	-8.1	332.9	333.4	0.3	10.0	0.0	0.
6.2	97.7	10738.9	250.0	-48.9	-50.9	270.2	41.9	41.5	-6.0	333.4	333.4	0.3	10.0	0.0	0.
6.4	102.6	11421.7	225.0	-55.0	-59.9	279.4	46.9	46.3	-7.6	334.3	334.3	0.3	10.0	0.0	0.
6.6	107.0	12163.0	200.0	-60.4	-59.9	282.6	48.5	47.3	-10.6	337.1	339.0	0.3	10.0	0.0	0.
6.8	113.4	12907.3	175.0	-62.8	-59.0	270.6	43.3	42.0	-6.5	344.8	346.8	0.3	10.0	0.0	0.
7.0	119.4	13729.4	150.0	-65.6	-59.0	282.4	39.3	38.4	-8.3	357.1	359.0	0.3	10.0	0.0	0.
7.2	126.0	15033.2	125.0	-68.6	-59.9	259.1	31.4	29.7	-10.3	376.8	379.0	0.3	10.0	0.0	0.
7.4	133.7	16371.6	100.0	-70.1	-59.9	293.3	21.4	19.0	-8.5	392.2	399.0	0.3	10.0	0.0	0.
7.6	142.0	18111.5	75.0	-65.4	-59.9	202.1	10.2	8.6	-3.4	435.7	449.0	0.3	10.0	0.0	0.
7.8	152.0	20410.5	50.0	-60.2	-59.0	317.4	7.0	4.7	-3.2	501.4	509.0	0.3	10.0	0.0	0.
8.0	162.5	25039.5	25.0	-50.9	-59.9	999.9	99.9	99.9	99.9	638.0	650.0	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE
25 APRIL 1979
1100 CAT

TIME MIV	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	D-9 DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.0	100.0	992.0	10.0	15.6	100.0	2.6	0.0	2.6	291.8	321.0	11.3	04.0	0.0	0.
0.5	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
1.0	0.5	325.0	575.0	17.6	14.9	162.9	7.7	-2.3	7.4	292.5	321.5	11.0	04.0	0.3	3.
1.5	1.3	557.3	550.0	15.3	14.0	162.2	11.1	-3.4	10.5	292.7	320.5	10.7	01.0	0.7	300.
2.0	13.3	703.5	625.0	13.7	12.8	171.6	15.2	-2.2	15.0	293.2	319.7	10.1	04.1	1.4	340.
2.5	19.7	1016.5	900.0	12.6	11.6	173.3	18.1	-2.1	18.0	293.8	319.0	9.6	03.5	2.2	380.
3.0	16.1	1251.1	875.0	11.4	10.3	180.0	14.4	0.0	16.4	295.4	319.7	9.1	03.1	3.1	382.
3.5	20.6	1493.6	850.0	10.1	9.1	187.8	14.9	2.0	14.8	298.7	319.7	8.6	03.5	3.8	354.
4.0	23.1	1741.0	825.0	9.0	8.0	190.9	14.8	2.7	13.8	298.1	320.3	8.2	03.5	4.5	357.
4.5	25.5	1957.0	800.0	8.0	7.0	193.7	13.3	3.2	13.0	299.7	321.3	7.9	03.4	5.2	359.
5.0	28.1	2259.1	775.0	7.0	6.0	199.0	11.2	3.6	10.6	301.4	322.3	7.6	03.4	5.9	1.
5.5	30.7	2526.7	750.0	5.6	4.6	199.2	9.6	3.2	9.1	302.6	322.4	7.1	03.6	6.4	3.
6.0	33.3	2805.0	725.0	4.2	3.2	200.7	7.8	3.7	6.8	304.0	322.0	6.7	03.6	6.9	4.
6.5	36.0	3091.0	700.0	2.5	1.4	219.5	5.9	3.7	4.5	305.2	322.5	6.1	02.9	7.2	6.
7.0	38.7	3384.9	675.0	0.6	-0.4	216.7	5.2	3.1	4.2	306.4	322.2	5.5	02.9	7.5	7.
7.5	41.4	3687.6	650.0	-0.9	-1.9	222.2	4.3	2.9	3.2	309.0	322.3	5.1	02.8	7.7	8.
8.0	44.3	4000.0	625.0	-3.0	-4.1	226.9	3.7	2.3	2.2	309.8	322.3	4.5	02.3	7.9	9.
8.5	47.1	4322.5	600.0	-5.3	-7.9	235.1	3.7	1.6	3.4	310.0	320.5	3.5	02.0	8.1	10.
9.0	50.1	4650.8	575.0	-7.8	-14.2	249.3	4.4	2.2	3.9	310.9	318.3	2.4	05.6	8.4	10.
9.5	53.1	5000.0	550.0	-8.3	-39.5	216.1	5.5	3.5	4.4	310.3	315.0	1.3	06.1	9.1	12.
10.0	56.1	5360.1	525.0	-10.3	-21.6	212.7	6.5	3.5	5.3	316.1	320.3	0.2	39.0	9.1	12.
10.5	59.1	5734.9	500.0	-12.5	-25.0	229.9	8.2	6.3	5.3	317.8	321.1	1.0	34.5	9.6	10.
11.0	62.5	6124.4	475.0	-15.7	-23.9	237.8	8.3	7.0	4.4	319.8	322.3	1.2	49.4	10.1	16.
11.5	65.8	6530.5	450.0	-18.2	-22.3	259.4	8.4	4.1	7.3	320.4	325.1	1.4	70.1	10.6	10.
12.0	69.1	6955.6	425.0	-20.6	-22.8	185.4	11.3	1.1	11.2	322.6	327.3	1.4	82.1	11.4	18.
12.5	72.7	7401.5	400.0	-23.9	-26.6	181.5	14.4	8.4	14.4	325.0	327.6	1.1	78.0	12.4	16.
13.0	76.3	7869.9	375.0	-27.2	-30.3	189.5	17.0	2.8	16.8	325.4	328.4	0.8	74.6	14.2	15.
13.5	80.1	8363.3	350.0	-31.0	-35.0	198.4	18.0	5.7	17.1	325.7	329.9	0.5	59.1	18.5	16.
14.0	84.0	8864.7	325.0	-35.1	-40.2	200.8	20.5	7.3	19.2	326.3	329.6	0.3	56.3	21.0	16.
14.5	88.0	9437.7	300.0	-39.4	-44.8	197.8	23.5	7.2	22.4	329.4	330.7	0.2	56.3	24.1	16.
15.0	92.3	10026.6	275.0	-44.7	92.9	202.7	23.2	9.0	21.4	330.5	999.9	99.9	999.9	27.7	17.
15.5	96.8	10656.5	250.0	-50.1	99.9	203.4	25.9	11.5	26.6	331.6	999.9	99.9	999.9	32.0	18.
16.0	101.6	11336.8	225.0	-55.8	99.9	204.2	34.5	14.1	31.5	333.0	999.9	99.9	999.9	38.6	19.
16.5	106.8	12074.5	200.0	-62.0	99.9	205.0	38.0	16.4	35.3	334.8	999.9	99.9	999.9	45.4	20.
17.0	112.3	12889.1	175.0	-67.2	99.9	216.2	38.5	22.7	31.1	339.1	999.9	99.9	999.9	54.1	23.
17.5	118.5	13822.2	150.0	-64.5	99.9	214.5	18.3	10.4	15.1	350.0	999.9	99.9	999.9	58.7	25.
18.0	125.0	14947.7	125.0	-61.7	99.9	218.9	18.1	11.4	14.1	353.2	999.9	99.9	999.9	63.0	27.
18.5	132.5	16327.7	100.0	-62.9	99.9	229.2	16.5	12.5	10.0	405.3	999.9	99.9	999.9	65.9	29.
19.0	141.0	18110.8	75.0	-66.8	99.9	238.5	11.3	9.8	5.6	445.4	999.9	99.9	999.9	68.5	32.
19.5	150.3	20443.4	50.0	-56.0	99.9	276.1	5.9	5.8	-0.6	502.6	999.9	99.9	999.9	68.5	32.
20.0	160.3	25108.4	25.0	-49.8	99.9	285.6	4.7	4.7	0.4	641.6	999.9	99.9	999.9	68.5	32.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 28 APRIL 1979
 1420 647

TIME M14	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.0	100.0	993.2	12.0	10.5	160.0	2.4	-0.9	2.4	261.7	322.8	12.0	91.0	0.0	0.0
9.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.6	330.6	575.0	16.5	14.1	164.0	7.2	-2.0	7.5	291.8	319.0	10.5	85.6	0.2	334.0
1.3	11.0	559.9	550.0	15.0	13.0	166.3	11.5	-2.7	11.2	293.2	318.5	10.0	87.5	0.6	342.0
2.1	13.4	725.3	925.0	13.4	10.7	165.1	14.5	-3.7	14.1	293.8	316.2	8.6	84.1	1.3	345.0
2.9	13.8	1215.8	500.0	11.5	8.9	165.0	14.4	-3.7	14.0	293.3	314.5	8.0	84.1	2.0	344.0
3.6	18.4	1251.2	875.0	10.4	9.1	170.6	12.6	-2.1	12.4	295.6	316.8	8.4	91.7	2.7	345.0
4.8	20.8	1492.7	850.0	9.6	8.4	181.9	5.4	0.3	9.4	295.2	318.1	8.2	92.4	3.3	347.0
5.7	23.3	1746.7	825.0	8.9	7.7	198.6	6.7	2.0	8.3	298.0	319.7	8.6	92.5	3.8	350.0
6.7	25.8	1955.5	800.0	7.2	5.7	228.1	4.3	4.7	4.2	298.9	318.6	7.2	90.9	4.2	354.0
7.6	29.4	2256.6	775.0	5.8	4.5	236.3	3.4	4.7	3.1	305.1	320.7	6.7	90.9	4.3	358.0
8.7	31.0	2525.2	750.0	5.1	3.7	215.7	5.0	3.4	4.7	302.1	320.7	6.7	90.9	4.3	358.0
9.8	33.7	2801.9	725.0	3.6	2.3	194.7	4.7	1.2	4.6	303.4	321.0	6.3	91.1	4.8	3.0
10.7	35.3	3086.7	700.0	2.2	0.9	163.9	3.8	-1.1	3.7	305.9	321.5	5.8	90.9	5.1	3.0
11.7	39.0	3376.9	675.0	0.6	-0.9	136.9	3.4	-2.3	2.8	306.1	321.4	5.3	90.9	5.2	2.0
12.7	41.9	3682.7	650.0	-1.1	-2.5	128.9	4.3	-3.3	2.7	307.7	321.9	4.9	90.5	5.4	342.0
13.7	44.6	3955.0	625.0	-3.2	-4.9	124.7	4.7	-3.9	2.7	308.6	321.2	4.3	88.1	5.6	357.0
14.7	47.4	4317.3	600.0	-4.8	-7.1	131.0	3.8	-2.0	2.5	310.5	321.7	3.7	84.0	5.7	355.0
15.8	50.4	4651.1	575.0	-6.8	-14.1	177.4	2.8	-0.1	2.2	315.2	316.1	0.2	4.1	6.0	355.0
16.8	53.4	4952.1	550.0	-7.2	-14.6	234.7	3.9	3.2	2.2	319.0	316.1	0.2	4.1	6.0	355.0
17.5	56.4	5355.8	525.0	-8.9	-45.1	257.0	4.7	4.6	1.1	317.6	318.3	0.1	3.6	6.1	350.0
18.2	59.5	5735.2	500.0	-12.5	-30.4	252.1	5.2	4.9	1.6	317.9	320.0	0.6	21.5	6.2	2.0
20.6	62.8	6123.9	475.0	-16.4	-23.3	213.8	5.0	2.8	4.2	317.7	321.7	1.2	56.0	6.4	5.0
22.2	66.0	6525.9	450.0	-17.7	-20.5	168.5	6.8	-1.3	6.6	321.0	325.3	1.7	78.8	6.9	4.0
23.5	69.4	6955.6	425.0	-20.4	-24.2	175.8	8.7	-0.7	9.6	322.5	327.1	1.3	71.1	7.5	3.0
24.9	73.0	7401.9	400.0	-23.5	-27.7	183.0	11.5	0.6	11.5	324.4	327.8	1.0	68.3	8.4	3.0
26.3	76.0	7878.9	375.0	-27.0	-32.0	191.2	13.1	2.6	12.9	325.9	328.3	0.7	62.0	9.5	3.0
27.9	80.3	8365.1	350.0	-30.5	-36.5	188.9	15.3	2.4	15.3	327.4	329.3	0.5	55.5	10.8	4.0
29.7	83.2	8877.5	325.0	-34.6	-40.5	190.1	19.4	3.4	19.1	329.0	330.2	0.3	54.9	12.6	5.0
31.7	88.2	9442.7	300.0	-38.5	-44.7	194.7	19.4	5.0	19.0	331.1	332.0	0.2	51.4	15.0	6.0
33.7	92.5	10033.6	275.0	-43.9	-49.9	192.1	22.5	6.7	22.0	331.6	332.0	0.2	51.4	15.0	6.0
35.8	97.0	10665.6	250.0	-49.3	-59.9	189.9	27.0	4.3	27.4	332.6	333.9	0.2	51.4	17.4	7.0
38.1	101.8	11347.5	225.0	-55.2	-69.9	189.6	32.1	8.3	31.7	333.9	334.9	0.2	51.4	20.6	8.0
43.6	105.4	12087.8	200.0	-62.1	-79.9	192.1	36.3	7.6	35.5	334.4	335.9	0.2	51.4	24.9	8.0
43.4	112.3	12902.2	175.0	-65.5	-89.9	211.4	29.9	15.7	25.5	331.6	336.9	0.2	51.4	29.9	8.0
46.4	119.3	13839.6	150.0	-64.5	-89.9	206.6	15.0	6.7	13.6	339.1	339.9	0.2	51.4	34.0	10.0
50.0	124.8	14960.9	125.0	-62.0	-89.9	212.6	17.6	9.4	14.8	332.6	339.9	0.2	51.4	39.1	12.0
54.8	132.0	16339.1	100.0	-61.7	-89.9	222.7	16.0	10.8	11.8	488.5	339.9	0.2	51.4	42.4	13.0
60.7	140.3	18130.3	75.0	-60.2	-89.9	249.1	11.2	10.4	4.8	488.8	339.9	0.2	51.4	46.7	15.0
65.2	149.0	20666.0	50.0	-59.4	-89.9	337.1	2.4	1.0	-2.4	833.6	339.9	0.2	51.4	50.0	16.0
80.2	158.3	25152.2	25.0	-48.7	-89.9	999.9	99.9	99.9	99.9	633.2	339.9	0.2	51.4	53.2	23.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE26 APRIL 1970
1705 GMT

154 13. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 9 DEG K	E POT 7 DEG K	WIND CM/SEC	WIND PCT	RANGE KM	AZ DEG
0.0	0.0	100.0	992.5	10.3	10.8	100.0	0.2	0.0	0.2	292.1	323.0	12.3	91.0	0.0	0.0
0.5	0.0	54.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1.0	0.2	331.0	975.0	15.7	13.5	161.5	0.0	-2.5	7.6	291.0	317.0	10.1	84.0	0.3	1.0
1.4	10.2	552.2	950.0	14.0	12.3	162.0	11.2	-3.3	10.7	291.4	316.2	9.5	89.1	0.7	350.0
2.2	12.1	777.0	925.0	12.0	10.0	160.0	14.4	-3.0	13.9	291.5	313.5	8.4	87.6	1.4	347.0
3.0	14.1	1006.2	900.0	10.0	8.5	170.2	11.0	-2.0	11.6	292.4	312.0	7.0	86.9	2.1	347.0
3.9	16.1	1241.6	875.0	10.5	9.3	170.0	9.7	-0.2	9.7	294.7	317.1	8.4	92.1	2.6	340.0
4.8	18.2	1403.2	850.0	5.6	6.1	184.1	6.3	0.6	6.3	296.2	317.0	8.0	90.4	3.1	350.0
5.6	20.3	1731.8	825.0	0.0	7.5	186.0	4.2	0.7	4.2	298.6	319.5	8.0	91.4	3.4	352.0
6.5	22.5	1986.2	800.0	7.5	6.2	184.3	4.2	0.3	4.1	299.1	319.5	7.5	91.5	3.7	353.0
7.5	24.6	2247.6	775.0	6.0	4.8	165.0	2.7	-0.7	2.6	300.2	319.5	7.0	91.6	3.9	353.0
8.2	26.0	2516.2	750.0	4.6	3.4	162.8	2.0	-0.6	1.9	301.6	319.7	6.5	91.6	4.0	353.0
9.2	29.2	2792.2	725.0	3.1	1.8	145.0	2.0	-1.5	2.2	302.6	319.0	6.1	91.7	4.1	353.0
10.1	31.5	3076.6	700.0	1.9	0.6	143.1	5.3	-3.2	4.2	304.4	320.0	5.0	91.6	4.3	351.0
11.0	33.9	3365.7	675.0	0.4	-0.9	144.0	6.0	-4.0	5.0	306.1	321.3	5.3	91.4	4.6	349.0
12.1	36.4	3672.3	650.0	-0.7	-2.0	147.0	7.1	-3.8	6.0	308.2	323.0	5.1	91.2	5.0	347.0
13.1	39.0	3985.0	625.0	-2.7	-4.0	146.4	6.0	-3.3	5.0	309.4	322.7	4.6	90.7	5.4	346.0
14.2	41.6	4306.5	600.0	-4.3	-5.7	149.5	4.5	-2.3	3.0	311.1	323.5	4.2	90.0	5.8	344.0
15.3	44.3	4622.0	575.0	-6.0	-8.5	182.0	1.9	0.1	1.9	311.5	320.3	2.8	89.7	5.9	344.0
16.5	47.1	4982.2	550.0	-5.6	-10.5	209.6	1.3	0.6	1.1	312.7	317.9	1.7	49.5	6.0	345.0
17.8	50.0	5343.8	525.0	-14.6	-15.1	271.0	1.6	1.6	-0.0	311.1	311.2	0.0	1.0	6.0	346.0
17.9	53.0	5714.1	500.0	-14.6	-17.4	300.1	2.2	1.9	-1.1	315.3	316.3	0.3	12.2	6.0	347.0
21.0	56.1	6100.7	475.0	-17.3	-30.4	276.0	1.0	1.9	-0.2	316.6	317.6	0.3	14.0	5.8	348.0
21.2	59.4	6508.0	450.0	-18.3	-21.9	156.1	3.0	-1.2	2.7	320.3	325.0	1.5	72.0	5.9	348.0
22.7	62.7	6938.1	425.0	-20.5	-24.5	162.0	6.0	-2.1	6.6	322.7	326.8	1.2	70.4	6.3	347.0
24.1	66.3	7376.9	400.0	-23.0	-27.9	180.6	9.0	0.1	9.0	325.0	328.3	1.0	64.4	7.0	347.0
25.6	70.0	7846.5	375.0	-26.5	-32.4	184.7	12.3	1.0	12.3	326.8	328.8	0.7	57.3	8.0	350.0
27.1	73.8	8342.0	350.0	-25.8	-35.7	182.7	14.4	0.7	14.4	328.8	330.4	0.5	56.1	9.2	351.0
28.7	77.6	8868.2	325.0	-33.7	-39.7	187.6	16.0	2.2	16.0	330.2	331.6	0.4	54.3	10.7	353.0
30.5	82.2	9422.2	300.0	-38.2	-45.4	187.1	17.0	2.2	17.7	331.2	332.3	0.2	46.3	12.4	356.0
32.2	85.0	10014.3	275.0	-42.3	-49.9	183.1	21.9	1.2	21.0	332.5	333.2	0.0	46.3	14.4	357.0
34.3	91.6	10642.8	250.0	-48.6	-50.9	184.6	25.7	3.0	25.0	333.2	333.2	0.0	46.3	17.4	358.0
36.6	96.0	11331.9	225.0	-55.0	-59.9	187.4	30.7	4.0	30.4	334.2	334.2	0.0	46.3	21.2	360.0
39.2	102.4	12072.5	200.0	-62.1	-59.9	188.3	34.2	5.0	33.0	334.8	334.8	0.0	46.3	24.2	361.0
41.9	104.3	12855.6	175.0	-65.7	-59.9	202.2	28.8	10.0	26.0	341.2	341.2	0.0	46.3	31.6	363.0
44.9	115.0	13810.5	150.0	-67.4	-59.9	197.0	18.5	5.7	17.0	354.1	354.1	0.0	46.3	39.0	365.0
48.5	121.8	14936.2	125.0	-62.3	-59.9	211.9	20.0	10.6	17.0	362.2	362.2	0.0	46.3	46.3	367.0
53.1	129.3	16310.7	100.0	-61.2	-59.9	228.3	17.0	12.7	11.3	400.8	400.8	0.0	46.3	53.1	369.0
58.5	137.3	18108.7	75.0	-60.6	-59.9	238.7	9.0	8.4	5.1	446.0	446.0	0.0	46.3	60.6	371.0
65.0	146.0	20627.2	50.0	-60.3	-59.9	210.5	3.1	1.9	2.4	501.4	501.4	0.0	46.3	68.0	373.0
77.3	155.0	25090.4	25.0	-49.7	-59.9	999.9	99.9	99.9	99.9	641.0	641.0	0.0	46.3	80.7	374.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 327
 NASHVILLE, TENN SSEE

 25 APRIL 1979
 2006 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO G4/RG	RM PCT	RANGE KM	AZ DEG
0.0	7.6	180.0	990.0	20.0	17.8	10.0	1.5	-0.3	-1.5	294.0	227.9	13.1	87.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	9.0	311.4	975.0	17.0	16.4	999.9	99.9	99.9	99.9	293.2	324.6	12.1	90.6	999.9	999.9
1.1	11.3	533.8	950.0	16.3	15.3	999.9	99.9	99.9	99.9	293.7	324.0	11.7	94.3	999.9	999.9
2.0	13.6	768.8	925.0	14.7	13.6	999.9	99.9	99.9	99.9	294.3	322.2	10.6	92.9	0.4	327.
2.9	16.0	992.5	900.0	13.4	12.3	165.9	9.6	-8.4	9.5	295.2	321.9	10.1	93.1	0.9	335.
3.6	19.4	1229.9	875.0	12.3	9.4	169.3	11.0	-2.1	10.8	296.5	319.4	8.5	82.8	1.4	340.
4.4	20.9	1472.9	850.0	11.1	7.7	163.0	10.3	-3.0	9.9	297.2	318.9	7.8	79.4	1.8	342.
5.2	23.3	1721.8	825.0	9.4	7.2	151.9	7.7	-3.6	6.8	298.5	319.7	7.8	86.5	2.3	341.
6.2	25.9	1977.1	800.0	8.0	7.0	140.5	5.5	-3.5	4.2	299.7	321.1	7.9	93.3	2.7	339.
7.1	28.4	2238.8	775.0	6.2	5.3	142.6	5.0	-3.0	4.0	300.4	320.4	7.3	94.4	2.9	337.
8.0	31.0	2507.3	750.0	4.6	3.7	149.8	5.3	-2.6	4.5	301.5	320.1	6.7	94.4	3.2	336.
9.0	33.6	2783.2	725.0	2.8	1.5	146.3	6.5	-3.6	5.4	302.2	318.9	5.9	92.8	3.6	336.
10.1	36.2	3067.0	700.0	1.7	0.8	132.2	5.0	-3.7	3.4	304.3	320.7	5.8	93.8	4.0	334.
11.2	39.0	3359.8	675.0	0.5	-0.4	97.4	2.2	-2.1	0.3	306.2	322.0	5.5	93.5	4.1	333.
12.3	41.7	3642.7	650.0	-1.0	-2.5	72.2	1.8	-1.7	-0.6	307.5	322.1	4.9	89.6	4.2	331.
13.4	44.5	3975.3	625.0	-2.9	-3.9	96.0	1.4	-1.4	0.2	309.2	322.6	4.6	92.6	4.2	330.
14.5	47.4	4298.3	600.0	-4.8	-8.2	86.3	1.2	-1.3	0.1	310.2	321.0	3.5	78.0	4.3	329.
15.7	50.3	4632.9	575.0	-6.8	-16.0	53.0	2.2	-1.8	-1.3	314.4	320.4	1.9	41.0	4.3	327.
16.8	53.3	4981.5	550.0	-8.4	-41.9	4.6	2.4	-0.2	-2.4	316.5	317.2	0.2	4.3	4.2	326.
17.9	56.4	5343.6	525.0	-8.8	-34.4	335.3	3.0	1.2	-2.7	317.6	319.2	0.4	10.6	4.0	325.
19.1	59.5	5715.0	500.0	-12.5	-28.6	247.4	2.3	0.5	-2.2	317.8	320.3	0.7	24.6	3.8	324.
20.5	62.7	6108.9	475.0	-14.7	-17.9	102.0	1.9	-1.9	0.4	319.8	326.1	2.0	76.1	3.8	323.
21.8	66.0	6516.8	450.0	-16.8	-20.4	166.6	4.5	-1.0	4.4	322.1	327.6	1.7	73.3	4.0	324.
23.2	69.4	6944.4	425.0	-19.5	-23.4	184.4	6.3	0.9	6.3	323.9	328.5	1.4	71.2	4.4	327.
24.6	72.9	7392.5	400.0	-22.5	-26.6	185.4	7.0	0.7	7.8	325.8	329.5	1.1	69.0	4.9	332.
26.2	76.5	7863.5	375.0	-25.8	-29.8	184.1	10.8	0.8	10.6	327.4	330.4	0.8	68.3	5.6	337.
27.8	80.3	8368.3	350.0	-29.2	-33.8	188.0	12.8	1.8	12.7	329.4	331.6	0.6	63.8	6.7	341.
29.5	84.2	8825.7	325.0	-32.2	-38.4	190.2	14.9	2.6	14.6	331.0	332.5	0.4	58.7	7.9	346.
31.3	88.3	9442.0	300.0	-37.8	-44.4	188.9	16.7	2.6	16.5	333.1	333.0	0.2	49.9	9.5	350.
33.3	92.5	10036.8	275.0	-42.7	-59.9	184.7	20.2	1.6	20.1	333.4	333.9	99.9	99.9	11.5	353.
35.3	97.2	10672.5	250.0	-46.3	-59.9	179.4	25.4	-0.3	25.4	333.3	333.9	99.9	99.9	14.3	355.
37.5	102.0	11357.5	225.0	-54.1	-59.9	178.3	28.4	-0.8	28.4	335.8	333.9	99.9	99.9	17.9	356.
39.8	107.0	12100.8	200.0	-61.0	-59.9	178.5	31.2	-0.8	31.2	336.1	333.9	99.9	99.9	22.0	356.
42.7	112.6	12919.2	175.0	-64.1	-59.9	190.5	32.2	5.9	31.7	344.3	333.9	99.9	99.9	27.7	357.
45.8	119.8	13855.0	150.0	-66.8	-59.9	197.7	23.5	7.1	22.3	355.1	333.9	99.9	99.9	32.6	0.
49.6	125.3	14972.4	125.0	-62.8	-59.9	214.9	20.7	11.8	16.9	361.2	333.9	99.9	99.9	37.1	4.
54.2	133.0	16352.4	100.0	-61.7	-59.9	228.4	17.1	12.8	11.3	408.4	333.9	99.9	99.9	41.5	8.
59.8	141.5	18144.8	75.0	-60.2	-59.9	242.9	8.9	7.9	4.1	446.8	333.9	99.9	99.9	44.6	12.
67.5	151.3	20654.1	50.0	-57.2	-59.9	223.6	4.1	2.8	3.0	508.6	333.9	99.9	99.9	45.1	14.
78.9	161.7	25188.3	25.0	-49.3	-59.9	269.3	9.2	9.2	8.1	643.4	333.9	99.9	99.9	46.1	19.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

29 APRIL 1979
2307 GMT

TIME MIN	CNTCT	WEIGHT GSM	PRES MB	TEMP DE C	GEN PT DE C	DIR DE	SPEED M/SEC	U CGMP M/SEC	V CGMP M/SEC	POT T DE K	E POT T DE K	MX RTO CM/KG	DN PCT	RANGE KM	AZ DE
0.0	7.6	189.0	988.2	19.7	17.8	360.0	0.0	0.0	0.0	293.9	327.9	13.2	89.0	0.0	0.0
9.9	99.9	95.0	1000.0	95.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.8	296.1	575.0	19.0	15.0	186.9	2.7	0.3	2.6	296.2	323.3	11.1	78.0	0.0	240.0
1.2	13.9	519.1	950.0	17.4	14.0	135.5	3.2	-2.3	2.3	294.4	323.0	10.7	80.8	0.1	300.0
2.0	13.1	746.6	925.0	15.2	12.1	125.6	4.2	-3.4	2.4	294.9	320.8	9.7	81.7	0.3	310.0
3.9	15.3	978.6	900.0	13.1	11.2	118.7	5.0	-6.1	2.8	295.0	319.8	9.4	88.2	0.6	300.0
3.9	17.5	1215.5	875.0	11.6	10.1	125.2	8.8	-7.2	9.1	295.8	319.6	8.9	90.7	1.0	303.0
4.9	19.8	1452.1	850.0	11.5	6.5	125.8	11.5	-9.3	4.3	299.8	316.6	7.2	71.3	1.6	306.0
5.9	22.1	1707.7	825.0	10.6	3.7	115.3	10.1	-9.1	2.4	300.5	316.6	6.1	62.5	2.3	304.0
6.8	24.5	1963.7	800.0	8.8	2.1	106.6	8.3	-8.0	2.4	300.5	316.6	5.6	62.7	2.8	302.0
7.7	25.0	2225.7	775.0	8.5	1.4	106.0	7.5	-7.2	2.1	300.4	316.2	5.5	69.6	3.2	300.0
8.6	29.2	2454.0	750.0	4.2	1.1	115.7	7.0	-6.3	3.0	301.2	316.7	5.5	79.9	3.5	298.0
9.4	31.6	2765.6	725.0	2.6	0.7	126.2	3.9	-3.2	2.3	302.4	318.1	5.6	87.2	3.8	299.0
10.4	34.1	3053.1	700.0	1.1	-0.6	91.1	2.9	-2.9	0.1	303.7	319.1	5.5	92.4	4.0	299.0
11.6	36.6	3346.4	675.0	1.1	0.0	38.4	3.8	-2.3	-3.0	308.3	323.2	5.7	92.4	4.1	298.0
12.8	39.1	3645.6	650.0	-0.6	-2.1	37.0	3.8	-2.3	-3.0	308.3	323.2	5.1	89.6	4.1	292.0
14.1	41.7	3943.3	625.0	-1.2	-5.0	28.1	3.8	-1.8	-3.3	311.1	323.6	4.2	75.3	4.2	288.0
15.3	44.3	4287.7	600.0	-3.8	-5.6	345.3	4.4	1.1	-4.3	311.7	324.0	4.1	85.0	4.2	288.0
16.5	47.1	4622.7	575.0	-6.0	-10.1	337.1	5.1	2.0	-4.7	312.6	322.3	3.1	72.8	3.9	281.0
17.8	49.8	4970.2	550.0	-7.5	-15.6	337.5	5.3	2.0	-4.9	315.2	321.4	2.1	52.2	3.7	276.0
18.9	52.6	5330.7	525.0	-10.5	-18.7	340.0	5.6	1.9	-5.2	315.8	321.1	1.7	51.2	3.6	271.0
14.9	55.3	5703.8	500.0	-14.2	-19.7	337.5	5.2	2.0	-4.8	315.8	320.9	1.6	62.5	3.5	265.0
21.2	56.4	6092.1	475.0	-15.1	-16.6	335.0	3.4	1.4	-3.1	319.2	326.3	2.2	88.0	3.5	261.0
22.5	61.5	6459.6	450.0	-17.4	-19.2	117.9	4.3	-3.8	2.0	321.4	327.4	1.9	85.8	3.8	262.0
23.7	64.6	6825.7	425.0	-20.3	-22.1	140.7	4.6	-2.9	3.6	323.0	328.0	1.5	85.2	4.0	260.0
25.1	67.9	7372.4	400.0	-23.4	-25.0	159.4	5.2	-1.8	4.9	324.8	328.7	1.2	88.6	4.2	271.0
26.8	71.1	7841.8	375.0	-26.6	-28.4	174.6	6.8	-0.6	6.8	326.4	329.7	1.0	84.6	4.3	270.0
28.4	74.6	8336.8	350.0	-30.2	-32.9	182.6	9.3	0.4	9.2	328.0	330.4	0.7	77.1	4.5	280.0
30.2	78.1	8869.0	325.0	-34.3	-37.6	181.2	12.3	0.3	12.3	329.4	331.1	0.5	71.6	4.9	301.0
32.1	81.9	9414.6	300.0	-39.0	-42.4	180.5	14.1	0.1	14.1	330.4	331.5	0.3	70.0	5.9	310.0
34.1	85.7	10005.7	275.0	-43.7	-45.9	179.9	16.7	-0.0	16.7	331.8	331.5	99.9	99.9	7.2	320.0
36.2	89.8	10632.8	250.0	-45.2	-49.0	172.7	21.1	-2.7	20.9	333.0	333.0	99.9	99.9	9.4	330.0
38.5	94.2	11321.2	225.0	-55.0	-59.9	175.9	24.2	-1.7	24.1	334.2	334.2	99.9	99.9	12.3	330.0
41.2	98.8	12022.3	200.0	-61.6	-65.9	172.4	30.2	-4.0	30.0	335.2	335.2	99.9	99.9	16.4	342.0
44.0	103.8	12879.5	175.0	-65.9	-69.9	177.5	41.2	-1.8	41.2	341.2	341.2	99.9	99.9	22.6	345.0
47.1	109.3	13811.0	150.0	-66.4	-69.9	202.2	35.3	9.6	23.4	348.7	348.7	99.9	99.9	28.0	350.0
51.0	115.3	14527.5	125.0	-63.5	-69.9	229.4	18.6	14.1	12.1	350.4	350.4	99.9	99.9	32.0	350.0
55.9	122.0	16316.4	100.0	-60.3	-69.9	239.2	13.8	11.9	7.1	411.2	411.2	99.9	99.9	36.9	3.0
61.7	130.0	18095.8	75.0	-61.5	-69.9	235.4	8.1	6.7	4.6	443.6	443.6	99.9	99.9	37.4	7.0
70.0	139.5	20824.5	50.0	-54.7	-69.9	228.1	3.4	2.5	2.3	509.8	509.8	99.9	99.9	38.1	9.0
83.4	151.5	25082.9	25.0	-50.8	-69.9	283.3	9.6	9.4	-2.2	638.7	638.7	99.9	99.9	37.8	10.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CA TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENNESSEE

26 APRIL 1979
203 JPT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR PTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.7	180.0	567.9	18.0	15.3	109.0	2.6	-2.6	0.5	292.2	321.0	11.1	84.0	0.0	0.
92.9	99.9	99.9	1000.0	99.9	99.9	99.9	96.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	8.9	292.9	575.0	18.2	13.4	111.8	4.9	-4.5	1.8	293.2	319.6	10.0	73.3	0.2	279.
1.3	11.2	515.5	550.0	16.7	11.9	115.9	5.7	-5.1	2.5	294.2	318.7	9.3	73.4	0.5	287.
2.2	13.5	742.2	925.0	14.4	11.6	115.6	6.7	-6.1	2.8	294.1	318.4	9.3	63.1	0.8	291.
3.2	15.9	973.5	900.0	12.6	10.9	113.7	9.8	-9.0	4.0	294.5	318.8	9.2	89.5	1.3	292.
4.0	19.2	1210.0	875.0	11.3	9.4	120.5	9.2	-7.9	4.7	295.5	318.2	8.5	88.4	1.8	293.
4.8	23.0	1452.1	850.0	9.9	8.3	132.8	7.8	-5.2	4.8	296.2	318.4	8.2	90.1	2.2	295.
5.9	25.4	1655.8	825.0	8.1	6.7	138.2	5.5	-3.7	4.1	297.2	317.4	7.5	90.6	2.5	297.
5.9	25.4	1952.8	800.0	6.6	5.1	135.3	5.4	-3.5	4.1	298.2	317.0	6.9	90.3	2.8	300.
7.8	27.9	2214.0	775.0	5.0	3.5	130.9	5.6	-4.3	3.7	299.2	316.7	6.4	90.9	3.1	302.
8.9	31.4	2482.5	750.0	5.7	1.8	90.8	5.2	-5.2	0.1	302.7	319.1	5.8	76.1	3.4	302.
9.8	32.9	2755.4	725.0	4.0	0.5	58.6	5.7	-4.8	-2.9	303.6	319.4	5.5	78.0	3.7	298.
10.9	35.5	3045.5	700.0	3.7	0.1	48.1	5.7	-4.2	-3.8	306.2	322.3	5.5	77.3	3.8	293.
11.9	34.1	3360.1	675.0	1.5	-1.2	31.8	5.6	-2.6	-4.2	307.4	322.4	5.2	82.0	4.0	290.
13.1	47.8	3644.1	650.0	0.5	-3.6	11.6	4.7	-0.9	-4.6	309.5	322.8	4.5	74.4	4.0	283.
14.2	43.6	3957.8	625.0	-2.2	-6.0	7.9	4.6	-0.6	-4.5	309.9	321.5	3.9	75.5	4.0	279.
15.4	40.3	4281.6	600.0	-3.3	-18.8	1.6	4.8	-0.1	-4.8	312.4	319.5	2.4	48.0	3.9	274.
16.6	42.2	4618.0	575.0	-4.4	-28.5	355.4	6.1	0.5	-6.1	314.2	317.0	0.6	13.2	3.9	269.
17.9	49.6	4966.5	550.0	-6.7	-29.3	343.1	8.5	2.5	-8.1	316.2	318.2	0.6	14.5	3.9	261.
19.1	55.0	5327.3	525.0	-10.1	-29.1	337.9	6.5	3.2	-7.9	316.2	318.5	0.6	19.2	3.8	250.
20.3	59.0	5701.4	500.0	-13.9	-16.6	2.6	5.8	-0.2	-5.0	317.3	323.9	2.1	73.8	3.8	242.
21.7	61.1	6051.4	475.0	-15.1	-17.3	63.5	2.2	-1.9	-1.0	319.2	325.9	2.1	83.6	4.0	241.
23.2	63.4	6452.3	450.0	-18.1	-19.8	116.4	2.5	-2.2	1.1	320.2	326.2	1.8	85.8	4.2	242.
24.7	67.6	6923.6	425.0	-20.8	-22.0	149.7	2.9	-0.8	2.8	322.4	327.4	1.5	89.4	4.3	243.
25.5	71.0	7365.2	400.0	-23.6	-25.6	192.3	3.2	1.2	2.9	324.1	328.1	1.2	85.2	4.1	248.
28.2	74.6	7838.2	375.0	-26.8	-30.1	195.9	5.1	1.4	4.9	326.1	329.0	0.6	73.7	3.8	253.
30.1	78.1	8332.5	350.0	-30.5	-36.1	189.6	7.0	1.2	6.9	327.6	329.7	0.6	70.3	3.5	262.
32.1	82.0	8855.0	325.0	-34.6	-42.4	182.5	10.3	0.4	10.3	329.6	330.5	0.4	68.1	3.4	279.
34.3	85.8	9409.3	300.0	-39.0	-43.5	176.8	12.5	-0.7	12.6	330.4	331.4	0.3	61.7	4.1	302.
36.5	90.0	9959.1	275.0	-44.4	-49.9	170.3	14.2	-0.9	14.2	330.9	331.4	0.3	61.7	4.1	302.
37.0	94.3	10636.6	250.0	-49.8	-59.9	167.2	17.9	-4.0	17.5	332.1	332.1	0.3	61.7	4.1	302.
41.6	99.0	11310.0	225.0	-56.2	-59.9	164.3	22.6	-6.2	22.0	332.5	332.5	0.3	61.7	4.1	302.
44.4	103.8	12047.5	200.0	-62.5	-59.9	160.7	29.1	-6.7	28.3	333.4	333.4	0.3	61.7	4.1	302.
47.6	109.0	12859.4	175.0	-67.9	-59.9	163.9	31.8	2.2	31.7	337.5	337.5	0.3	61.7	4.1	302.
51.0	115.0	13792.9	150.0	-67.1	-59.9	215.8	20.4	12.0	18.6	354.2	354.2	0.3	61.7	4.1	302.
55.8	121.3	14907.3	125.0	-62.4	-59.9	228.8	14.0	10.7	10.7	369.9	369.9	0.3	61.7	4.1	302.
61.3	125.5	16252.6	100.0	-60.7	-59.9	225.6	11.3	8.2	7.8	419.5	419.5	0.3	61.7	4.1	302.
64.3	136.7	18077.1	75.0	-68.6	-59.9	222.4	7.1	4.8	5.2	445.5	445.5	0.3	61.7	4.1	302.
77.8	140.0	20618.9	50.0	-59.5	-59.9	242.8	3.0	2.7	1.4	603.2	603.2	0.3	61.7	4.1	302.
53.9	150.0	23067.0	25.0	-53.0	-59.9	288.1	7.9	7.5	-2.3	632.4	632.4	0.3	61.7	4.1	302.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE26 APRIL 1979
SIO GMT

TIME MIN	CHCT	HEIGHT GSM	PHS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GSM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.1	180.0	946.2	14.0	15.0	00.0	1.2	-1.5	-0.3	291.1	319.3	10.9	89.0	98.100.0	0.0
09.9	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
5.3	6.0	277.6	975.0	16.0	16.3	00.0	0.9	-0.9	-0.3	292.0	319.3	10.6	85.5	0.1 272.0	0.0
1.2	10.2	455.1	950.0	15.9	13.2	99.7	0.9	-0.7	1.8	292.5	319.3	10.1	86.4	0.5 272.0	0.0
1.9	12.4	725.6	925.0	15.1	10.2	100.5	0.5	-0.2	2.1	294.8	317.3	8.5	72.5	0.9 270.0	0.0
2.7	14.5	957.7	900.0	14.0	9.3	112.2	7.4	-0.9	2.8	295.9	317.3	8.2	73.4	1.3 268.0	0.0
3.5	16.8	1195.1	875.0	12.4	8.8	120.3	6.3	-4.9	3.9	296.7	318.6	8.2	70.6	1.6 265.0	0.0
4.6	19.1	1438.3	850.0	11.3	7.3	125.2	5.2	-3.2	4.1	297.4	318.4	7.6	76.4	1.8 269.0	0.0
5.4	21.4	1687.4	825.0	9.4	7.1	150.1	5.9	-2.0	5.1	298.6	319.5	7.7	83.2	2.1 295.0	0.0
6.3	23.7	1942.5	800.0	6.8	4.8	165.4	4.3	-1.1	4.1	300.3	318.0	6.8	77.8	2.4 295.0	0.0
7.2	26.1	2205.0	775.0	7.7	3.4	195.7	3.0	-1.2	2.7	302.1	319.7	6.3	74.3	2.5 303.0	0.0
8.2	28.5	2475.5	750.0	6.7	3.0	60.9	2.2	-1.9	-1.1	303.4	319.7	5.6	68.4	2.6 303.0	0.0
9.3	30.9	2722.3	725.0	5.3	1.8	83.0	3.3	-2.6	-2.6	305.2	321.4	5.7	73.7	2.6 308.0	0.0
10.3	33.3	3039.8	700.0	3.8	-0.4	10.6	3.0	-1.1	-3.7	306.7	322.0	5.3	73.8	2.7 298.0	0.0
11.5	35.8	3334.7	675.0	2.0	-2.3	354.3	4.5	0.3	-4.5	307.9	321.9	4.8	73.1	2.6 289.0	0.0
12.6	38.4	3632.5	650.0	-0.2	-4.1	351.4	5.6	0.8	-5.6	308.7	321.4	4.3	74.9	2.5 282.0	0.0
13.7	41.0	3951.8	625.0	-1.8	-29.0	344.6	8.8	2.1	-7.7	311.3	313.2	0.5	9.7	2.3 272.0	0.0
15.0	43.7	4276.4	600.0	-2.7	-32.2	351.2	10.3	1.6	-10.2	313.0	314.4	0.4	8.2	2.2 254.0	0.0
15.1	46.3	4612.2	575.0	-4.8	-34.8	354.3	10.6	1.0	-10.6	314.4	315.0	0.3	7.6	2.0 237.0	0.0
17.2	49.1	4945.0	550.0	-7.4	-33.4	355.4	9.2	0.7	-9.2	315.4	316.8	0.4	10.3	2.9 225.0	0.0
18.5	52.0	5328.1	525.0	-10.7	-29.7	345.1	6.5	2.2	-8.2	315.8	317.0	0.6	19.1	3.3 215.0	0.0
19.9	54.9	5692.9	500.0	-14.1	-29.3	345.5	4.8	2.1	-8.2	315.2	318.1	0.7	26.3	3.8 206.0	0.0
21.2	57.8	6080.3	475.0	-15.6	-19.9	345.5	4.8	1.2	-4.7	318.6	324.1	1.7	71.0	4.2 201.0	0.0
22.8	61.0	6487.1	450.0	-17.4	-21.3	287.3	1.2	1.2	-9.4	321.5	326.2	1.6	72.8	4.4 200.0	0.0
24.4	64.1	6913.3	425.0	-20.4	-24.3	222.9	2.6	1.8	1.8	322.5	327.0	1.2	70.5	4.3 190.0	0.0
25.0	67.4	7368.1	400.0	-23.4	-27.3	229.9	99.9	99.9	99.9	324.0	328.1	1.0	69.9	3.9 190.0	0.0
27.6	70.7	7829.2	375.0	-26.8	-30.8	599.9	99.9	99.9	99.9	326.0	328.7	0.8	68.8	999.9 999.0	0.0
29.3	74.1	8322.9	350.0	-30.8	-34.9	599.9	99.9	99.9	99.9	327.2	329.2	0.8	67.0	999.9 999.0	0.0
31.2	77.8	8844.3	325.0	-35.4	-39.7	599.9	99.9	99.9	99.9	327.5	329.3	0.4	64.2	999.9 999.0	0.0
33.1	81.6	9394.4	300.0	-40.1	-44.9	599.9	99.9	99.9	99.9	328.5	329.9	99.9	999.9	999.9 999.0	0.0
35.0	85.5	9983.7	275.0	-45.3	-49.9	599.9	99.9	99.9	99.9	329.7	329.9	99.9	999.9	999.9 999.0	0.0
37.1	89.7	10612.0	250.0	-51.1	-54.9	599.9	99.9	99.9	99.9	330.1	329.9	99.9	999.9	999.9 999.0	0.0
39.3	94.0	11287.5	225.0	-57.2	-59.4	599.9	99.9	99.9	99.9	330.5	329.9	99.9	999.9	999.9 999.0	0.0
41.7	98.8	12021.2	200.0	-64.0	-64.0	599.9	99.9	99.9	99.9	331.3	329.9	99.9	999.9	999.9 999.0	0.0
45.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
49.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
53.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
57.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
61.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
65.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0
69.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.0	0.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

26 APRIL 1979
025 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.3	180.0	580.0	14.8	14.5	290.0	1.5	1.4	-0.5	289.2	316.4	10.6	98.0	0.0	0.
0.9	90.9	69.9	1000.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
9.3	9.2	264.9	575.0	14.1	12.5	999.9	90.9	90.9	90.9	289.4	313.6	9.4	90.0	90.9	90.9
1.1	10.7	484.4	550.0	13.2	11.2	999.9	90.9	90.9	90.9	290.8	314.5	9.2	91.1	90.9	90.9
2.0	12.4	708.0	925.0	12.1	10.6	999.9	90.9	90.9	90.9	291.7	314.4	9.7	90.3	90.9	90.9
2.9	14.6	935.0	900.0	12.4	9.4	999.9	90.9	90.9	90.9	294.3	316.2	8.3	81.7	90.9	90.9
3.6	16.8	1172.4	875.0	11.4	7.8	999.9	90.9	90.9	90.9	295.6	316.0	7.6	78.6	90.9	90.9
4.5	19.1	1417.4	850.0	9.3	6.7	999.9	90.9	90.9	90.9	295.5	315.5	7.3	83.9	90.9	90.9
5.3	21.4	1664.8	825.0	7.0	6.0	999.9	90.9	90.9	90.9	296.9	316.3	7.2	88.3	90.9	90.9
6.2	23.6	1910.5	800.0	6.4	5.1	999.9	90.9	90.9	90.9	298.0	316.8	6.9	91.4	90.9	90.9
7.2	26.0	2178.6	775.0	4.6	3.5	999.9	90.9	90.9	90.9	298.2	316.3	6.4	92.0	90.9	90.9
9.1	30.7	2745.6	725.0	2.2	1.2	999.9	90.9	90.9	90.9	301.5	316.0	5.0	80.4	90.9	90.9
10.1	33.2	3002.8	700.0	0.7	-0.6	999.9	90.9	90.9	90.9	303.2	315.2	5.3	91.0	90.9	90.9
11.2	35.7	3293.9	675.0	-1.2	-0.9	999.9	90.9	90.9	90.9	304.3	309.9	90.9	90.9	90.9	90.9
12.0	38.1	3563.6	650.0	-3.0	-2.6	999.9	90.9	90.9	90.9	305.4	308.6	90.9	90.9	90.9	90.9
13.1	40.7	3902.5	625.0	-4.3	-3.7	999.9	90.9	90.9	90.9	307.1	309.3	0.3	6.5	90.9	90.9
14.3	43.3	4224.0	600.0	-6.0	-5.3	999.9	90.9	90.9	90.9	309.1	311.2	0.0	1.0	90.9	90.9
15.6	46.0	4556.2	575.0	-7.5	-6.8	999.9	90.9	90.9	90.9	311.2	311.6	0.0	1.0	90.9	90.9
17.2	51.4	5255.4	525.0	-12.1	-10.5	999.9	90.9	90.9	90.9	313.2	314.0	0.0	1.2	4.2	143.
18.6	54.3	5638.4	500.0	-14.9	-13.7	999.9	90.9	90.9	90.9	314.9	316.0	0.3	12.8	4.4	143.
20.9	57.3	6017.4	475.0	-16.3	-15.2	999.9	90.9	90.9	90.9	317.5	321.0	0.9	42.0	4.6	143.
22.1	60.3	6422.2	450.0	-18.2	-17.1	999.9	90.9	90.9	90.9	319.1	322.0	1.1	59.4	4.9	143.
23.7	63.4	6845.4	425.0	-22.1	-20.3	999.9	90.9	90.9	90.9	320.7	324.5	1.1	75.4	5.1	147.
25.1	66.5	7286.8	400.0	-24.8	-23.1	999.9	90.9	90.9	90.9	322.6	325.8	0.9	68.8	5.2	140.
26.9	69.9	7755.6	375.0	-27.9	-26.6	999.9	90.9	90.9	90.9	324.7	326.9	0.6	60.4	5.1	140.
28.3	73.3	8247.4	350.0	-32.0	-30.4	999.9	90.9	90.9	90.9	325.6	327.1	0.4	58.6	5.0	133.
30.3	76.9	8766.1	325.0	-36.5	-34.7	999.9	90.9	90.9	90.9	326.9	327.4	0.3	58.1	4.9	120.
32.2	80.6	9315.1	300.0	-41.5	-39.9	999.9	90.9	90.9	90.9	326.9	327.4	0.3	58.1	4.8	114.
34.1	84.5	9862.3	275.0	-47.0	-45.0	999.9	90.9	90.9	90.9	327.2	327.4	0.3	58.1	4.5	103.
36.3	89.5	10522.6	250.0	-52.4	-50.4	999.9	90.9	90.9	90.9	328.2	327.4	0.3	58.1	4.2	80.
39.0	93.0	11194.2	225.0	-58.5	-56.5	999.9	90.9	90.9	90.9	328.5	327.4	0.3	58.1	4.0	53.
41.5	97.5	11924.6	200.0	-64.8	-62.8	999.9	90.9	90.9	90.9	329.3	327.4	0.3	58.1	3.8	22.
43.0	102.4	12735.4	175.0	-67.7	-65.7	999.9	90.9	90.9	90.9	330.2	327.4	0.3	58.1	3.7	10.
47.3	108.0	13669.7	150.0	-62.0	-60.0	999.9	90.9	90.9	90.9	362.0	327.4	90.9	90.9	11.0	10.
51.2	114.0	14794.4	125.0	-65.0	-63.0	999.9	90.9	90.9	90.9	403.3	327.4	90.9	90.9	14.5	20.
55.7	120.0	16185.1	100.0	-59.2	-57.2	999.9	90.9	90.9	90.9	415.3	327.4	90.9	90.9	17.0	20.
61.4	129.7	17560.9	75.0	-62.2	-60.2	999.9	90.9	90.9	90.9	442.4	327.4	90.9	90.9	22.2	32.
69.7	139.3	20482.9	50.0	-57.7	-55.7	999.9	90.9	90.9	90.9	507.6	327.4	90.9	90.9	24.5	37.
82.0	150.0	24857.0	25.0	-49.6	-47.6	999.9	90.9	90.9	90.9	642.0	327.4	90.9	90.9	25.1	43.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 APRIL 1979
1100 GMT

TIME MIN	CUTCY	HEIGHT GPM	PKES MB	TEMP DEG C	GEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	S POT 1 DEG K	MAX RTO CM/SEC	LN PCT	WAVEZ LN	10. 0
0.0	7.5	180.0	904.0	17.4	13.4	270.0	1.5	1.5	0.0	207.0	313.1	0.0	99.0	0.0	0.0
0.9	9.9	54.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.3	0.3	257.0	675.0	13.0	12.0	99.0	99.0	99.0	99.0	209.1	313.0	0.0	93.0	99.0	99.0
1.1	10.3	477.0	490.0	14.0	12.0	99.0	99.0	99.0	99.0	291.4	316.4	0.0	90.0	99.0	99.0
1.9	12.3	703.1	620.0	13.0	11.0	99.0	99.0	99.0	99.0	293.4	318.0	0.0	86.0	99.0	99.0
2.7	14.0	930.5	600.0	13.1	10.4	99.0	99.0	99.0	99.0	295.1	318.5	0.0	83.0	99.0	99.0
3.4	16.0	1171.5	875.0	12.2	9.4	99.0	99.0	99.0	99.0	296.4	319.3	0.0	83.0	99.0	99.0
4.5	18.7	1410.1	650.0	8.9	8.1	99.0	99.0	99.0	99.0	296.4	319.3	0.0	83.0	99.0	99.0
5.6	23.9	1662.2	625.0	8.7	7.7	99.0	99.0	99.0	99.0	297.2	319.6	0.0	83.0	99.0	99.0
6.3	23.2	1917.0	600.0	7.8	7.2	319.4	8.0	8.0	-0.5	299.2	319.2	0.0	73.1	1.5	113.0
7.2	25.5	2170.0	775.0	6.1	6.4	325.5	8.1	4.0	-0.7	300.4	319.2	0.0	69.0	1.9	120.0
8.2	27.0	2447.0	750.0	5.8	1.0	330.2	8.1	4.0	-0.7	300.4	319.2	0.0	69.0	1.9	120.0
9.2	30.2	2720.5	725.0	4.2	-3.2	326.4	11.1	0.1	-0.2	300.2	316.0	3.0	43.0	2.0	130.0
10.1	32.0	3012.2	700.0	4.0	-5.2	322.9	12.9	7.0	-10.3	307.4	316.0	3.7	40.1	3.0	130.0
11.1	35.2	3307.0	675.0	2.7	-0.4	317.4	12.0	8.7	-9.4	306.7	317.0	3.0	40.1	3.0	130.0
12.1	37.0	3611.0	650.0	0.1	-0.9	313.0	12.0	9.1	-0.6	309.4	319.0	3.1	41.4	5.0	130.0
13.2	40.4	3924.6	625.0	-2.7	-0.9	311.6	10.0	7.5	-0.7	310.0	318.0	1.6	35.0	6.5	130.0
14.2	43.1	4247.1	600.0	-4.0	-17.4	310.0	8.1	6.2	-0.3	311.4	312.4	0.3	7.0	7.1	130.0
15.4	46.0	4508.2	575.0	-7.4	-36.4	304.1	6.1	5.0	-0.4	313.0	314.0	0.0	1.3	8.0	130.0
16.4	48.9	4828.0	550.0	-9.7	-45.8	299.7	4.3	4.1	-1.5	312.8	312.4	0.0	1.3	7.0	130.0
17.7	51.9	5202.1	525.0	-12.1	-54.2	290.3	4.3	4.1	-0.8	315.4	310.0	0.0	1.3	8.0	130.0
18.0	54.9	5653.4	500.0	-14.3	-60.7	280.1	4.0	4.0	-1.5	310.7	310.0	0.0	1.0	8.0	130.0
20.3	58.1	6048.8	475.0	-15.6	-69.8	280.1	4.0	4.0	-1.5	310.7	310.0	0.0	1.0	8.0	130.0
21.6	61.4	6448.8	450.0	-16.2	-78.7	256.0	3.3	3.0	-1.3	322.2	325.2	0.0	44.2	9.1	120.0
22.9	64.9	6871.9	425.0	-20.7	-86.6	243.9	3.3	3.0	0.0	320.4	320.5	0.0	44.2	9.1	120.0
24.4	68.5	7317.5	400.0	-23.3	-94.7	223.8	3.3	3.0	3.5	324.7	327.0	0.0	41.0	9.2	127.0
26.0	72.3	7746.3	375.0	-27.4	-101.1	220.4	3.3	3.0	4.2	325.3	328.2	0.0	77.9	9.2	120.0
27.7	76.2	8270.3	350.0	-30.9	-108.5	215.7	3.3	3.0	4.2	327.1	329.2	0.0	70.6	9.2	120.0
29.4	80.3	8800.2	325.0	-35.5	-116.7	205.3	3.3	3.0	6.0	327.4	329.0	0.3	54.2	9.4	115.0
31.3	84.7	9351.9	300.0	-40.4	-124.9	184.8	3.3	3.0	7.1	328.2	329.0	0.0	99.0	9.6	110.0
33.4	89.4	9930.2	275.0	-45.8	-133.0	170.3	3.3	3.0	9.0	328.4	329.0	0.0	99.0	9.6	110.0
35.4	94.2	10505.0	250.0	-51.0	-141.0	150.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
37.5	99.3	11241.5	225.0	-57.2	-149.0	130.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
40.0	103.3	11975.9	200.0	-62.7	-157.0	110.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
42.8	111.5	12751.0	175.0	-68.1	-165.0	90.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
45.8	118.5	13733.8	150.0	-62.0	-173.0	70.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
50.0	126.3	14905.0	125.0	-68.9	-181.0	50.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
54.4	135.0	16240.2	100.0	-58.0	-189.0	30.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
59.0	144.7	16640.0	75.0	-57.0	-197.0	10.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
67.0	155.7	24615.4	50.0	-57.0	-197.0	0.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0
79.1	166.7	25000.2	25.0	-55.3	-197.0	0.0	3.3	3.0	10.0	328.4	329.0	0.0	99.0	9.6	110.0

0 BY SPEED MEAS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEAS TEMPERATURE CR TIME HAVE BEEN IN TEMPERATURE
 00 BY SPEED MEAS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

25 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WZ RTO G/M/SEC	RM PCT	RANGE KM	AZ DEG
2.0	9.1	172.0	589.4	16.3	16.0	150.0	2.4	-1.3	2.3	299.3	320.2	11.7	99.9	99.9	0.0
4.0	9.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	9.3	257.6	675.0	17.6	15.8	180.7	7.7	0.1	7.7	292.7	323.0	11.7	99.9	99.9	0.3 352.
1.2	11.5	515.9	550.0	16.9	18.4	189.9	8.0	1.4	7.9	294.3	316.6	8.4	65.8	0.6	1.0
2.0	13.6	747.9	925.0	17.5	9.7	205.5	6.5	2.8	5.9	297.2	319.3	8.2	60.4	0.9	6.0
2.9	14.9	981.6	900.0	15.8	10.6	222.8	6.2	4.2	4.5	297.6	320.9	8.6	60.3	1.2	14.0
3.8	18.2	1220.4	875.0	12.7	7.8	212.1	5.9	4.6	3.6	298.6	318.6	7.6	67.6	1.3	21.0
4.6	23.5	1444.5	850.0	12.0	6.9	248.0	4.7	4.3	1.8	298.6	318.6	7.4	70.5	1.7	26.0
5.4	22.0	1714.8	825.0	10.7	0.0	235.5	2.6	2.1	1.5	299.9	313.8	4.9	50.4	1.9	31.0
6.4	25.2	1976.6	800.0	11.7	-26.2	264.2	1.3	1.3	0.1	303.7	303.8	0.7	6.2	1.9	31.0
7.2	27.6	2232.7	775.0	10.7	-3.1	341.7	3.4	1.1	-3.3	305.4	316.7	3.9	37.6	1.9	34.0
8.2	32.1	2502.2	750.0	9.1	-2.5	358.6	6.1	0.1	-6.1	308.3	318.9	4.3	46.1	1.7	40.0
9.2	32.6	2766.1	725.0	6.8	-4.8	352.0	6.6	0.0	-6.6	308.5	317.8	3.7	43.4	1.4	51.0
10.3	35.2	3075.2	700.0	4.6	-6.3	334.8	6.8	2.9	-6.1	307.2	317.6	3.4	45.2	1.3	67.0
11.4	37.9	3376.0	675.0	3.1	-13.7	319.8	7.3	4.7	-5.5	309.1	315.2	2.0	28.0	1.5	85.0
12.6	43.6	3675.5	650.0	1.4	-31.8	317.7	7.0	4.7	-5.2	310.2	311.9	0.4	6.3	1.8	97.0
13.5	43.3	3989.5	625.0	-1.2	-31.2	311.5	7.0	5.2	-4.6	311.0	312.6	0.4	6.0	2.2	105.0
14.5	46.1	4313.1	600.0	-3.7	-32.4	302.1	7.3	6.2	-3.9	311.5	313.3	0.4	8.6	2.6	108.0
15.9	49.0	4647.3	575.0	-6.1	-32.5	294.4	7.6	6.9	-3.1	312.6	314.3	0.4	10.2	3.1	110.0
17.0	51.0	4992.9	550.0	-8.1	-36.2	290.2	6.6	6.2	-2.3	314.2	315.5	0.3	7.9	3.6	110.0
19.2	55.0	5352.9	525.0	-11.0	-39.2	292.5	5.1	4.7	-2.0	315.2	316.1	0.2	7.6	4.1	110.0
19.6	53.0	5725.9	500.0	-12.7	-40.8	295.7	3.7	3.4	-1.6	316.4	317.2	0.2	7.9	4.4	110.0
20.9	61.3	6113.6	475.0	-16.7	-39.1	300.1	5.3	4.5	-2.6	317.3	318.4	0.3	14.6	4.7	111.0
22.3	64.6	6512.6	450.0	-18.5	-61.6	295.2	7.1	6.4	-3.0	320.1	320.1	0.0	1.0	5.2	112.0
23.8	68.0	6942.2	425.0	-21.8	-63.8	291.5	8.6	8.0	-3.1	321.0	321.1	0.0	1.0	6.0	112.0
24.3	71.4	7365.8	400.0	-25.5	-66.2	290.7	7.1	6.6	-2.5	321.8	321.9	0.0	1.0	6.7	112.0
26.9	75.1	7858.1	375.0	-29.4	-68.8	287.3	5.8	5.8	0.3	322.2	322.7	0.0	1.0	7.3	111.0
29.6	79.0	8338.0	350.0	-33.8	-71.7	285.7	7.0	6.4	2.9	323.2	323.3	0.0	1.0	7.8	108.0
33.3	82.9	8853.0	325.0	-38.2	-69.9	289.5	7.0	6.6	2.5	324.1	324.1	99.9	99.9	8.3	105.0
32.2	87.0	9198.3	300.0	-43.8	-69.0	283.7	6.0	5.4	2.7	324.7	324.7	99.9	99.9	9.8	102.0
34.2	91.3	9679.3	275.0	-47.3	-69.9	284.6	6.1	3.4	7.4	325.2	325.2	99.9	99.9	9.4	99.0
36.4	95.0	10604.1	250.0	-51.5	-69.9	194.4	13.4	3.3	13.7	329.2	329.2	99.9	99.9	9.7	90.0
39.0	103.2	11279.6	225.0	-54.5	-69.9	199.4	14.7	4.9	13.7	331.5	331.5	99.9	99.9	10.3	78.0
41.5	106.2	12028.7	200.0	-60.7	-69.9	214.3	12.3	6.9	10.2	334.7	334.7	99.9	99.9	11.8	71.0
44.3	111.9	12945.4	175.0	-63.5	-69.9	213.6	14.1	7.8	11.7	335.2	335.2	99.9	99.9	13.6	65.0
47.8	119.0	13787.0	150.0	-65.2	-69.9	229.5	16.0	10.7	9.1	337.8	337.8	99.9	99.9	16.3	61.0
51.4	124.0	14918.3	125.0	-62.7	-69.9	229.8	13.7	11.1	7.7	340.8	340.8	99.9	99.9	19.3	60.0
54.2	132.7	16308.5	100.0	-68.8	-69.9	232.8	16.0	11.1	8.6	411.8	411.8	99.9	99.9	23.5	59.0
61.8	141.3	18649.1	75.0	-52.6	-69.9	237.5	10.7	9.6	8.7	450.8	450.8	99.9	99.9	27.8	59.0
69.3	151.0	20645.2	50.0	-58.0	-69.9	244.3	4.2	3.4	-2.3	500.8	500.8	99.9	99.9	30.1	60.0
80.0	160.3	25137.6	25.0	-69.4	-69.9	256.6	8.1	4.6	-2.3	643.0	643.0	99.9	99.9	38.1	63.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS28 APRIL 1979
1405 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP °C	DEW PT °C	DIR °C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T °C	E POT T °C	W R TO GM/KG	RM PCT	RANGE KM	AZ °
0.0	7.4	172.0	990.2	17.6	17.1	170.0	3.6	-0.6	3.6	291.6	323.0	12.5	97.0	161	11.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
0.5	8.7	304.3	875.0	16.3	16.3	191.2	6.0	1.3	6.7	291.6	320.0	11.0	91.3	0.1	300.0
1.3	10.9	525.9	650.0	15.9	11.4	197.8	7.5	2.3	7.2	293.4	317.0	9.0	76.9	0.6	9.0
1.9	13.1	752.7	925.0	15.4	10.3	211.3	7.4	3.8	6.3	295.1	317.0	8.5	71.3	0.8	10.0
2.7	15.3	985.6	900.0	15.2	10.3	230.0	6.6	5.1	4.3	297.2	320.7	8.0	72.5	1.1	23.0
3.6	17.6	1224.0	875.0	13.6	9.7	238.1	5.9	5.0	3.1	297.9	321.3	6.7	77.6	1.3	38.0
4.4	19.9	1467.8	850.0	11.6	8.9	241.2	6.0	5.3	2.0	298.3	321.2	6.5	83.2	1.6	38.0
5.3	22.3	1717.3	825.0	10.0	7.2	252.3	4.9	4.9	1.0	299.1	320.4	7.0	83.5	1.8	40.0
6.2	24.7	1973.3	800.0	10.3	-17.3	250.6	4.2	3.9	1.4	302.2	307.7	1.9	19.9	2.1	44.0
7.0	27.1	2237.4	775.0	10.9	-11.1	271.7	1.9	1.9	-0.1	305.1	311.6	2.2	21.0	2.2	46.0
8.0	29.6	2505.5	750.0	8.6	-4.1	6.0	1.5	-0.2	-1.5	304.6	317.0	3.8	40.2	2.2	47.0
9.1	32.2	2768.9	725.0	6.7	-8.9	354.1	2.7	0.3	-2.7	306.6	316.1	3.2	37.4	2.1	48.0
10.0	34.8	3076.2	700.0	5.2	-9.0	334.0	0.6	2.8	-4.1	308.2	314.6	1.0	35.2	2.1	54.0
11.1	37.4	3372.4	675.0	3.6	-16.4	325.9	0.2	3.5	-5.1	309.7	314.6	1.6	21.6	2.0	64.0
12.0	40.1	3677.2	650.0	1.1	-15.7	319.0	7.1	4.6	-5.3	310.2	318.6	1.7	27.1	2.2	74.0
13.2	42.9	3991.0	625.0	-1.4	-16.3	316.3	7.7	5.3	-5.5	310.9	316.2	1.7	31.0	2.4	85.0
14.3	45.8	4314.8	600.0	-3.8	-17.8	323.1	6.8	4.1	-5.4	312.1	312.6	0.2	3.4	2.5	93.0
15.5	48.7	4658.0	575.0	-5.2	-20.9	318.6	5.2	3.4	-3.9	313.9	314.1	0.1	1.3	3.0	99.0
16.7	51.8	4957.0	550.0	-8.0	-20.6	302.4	5.1	4.3	-2.7	314.4	315.3	0.2	5.1	3.4	103.0
17.9	54.8	5256.4	525.0	-10.9	-22.6	300.6	4.5	3.8	-2.3	315.4	316.9	0.2	8.2	3.7	105.0
19.3	57.9	5556.3	500.0	-13.7	-23.6	299.9	4.0	3.6	-1.0	316.3	316.9	0.0	6.0	4.0	107.0
20.8	61.1	5877.9	475.0	-16.5	-25.8	298.3	3.3	7.2	-4.1	316.6	319.9	0.0	1.0	4.5	107.0
22.2	64.6	6233.5	450.0	-18.6	-26.8	296.8	8.8	7.2	-5.0	319.5	319.9	0.0	1.0	5.3	109.0
23.6	68.0	6546.5	425.0	-22.0	-29.4	294.0	6.9	6.5	-3.3	320.7	320.8	0.0	1.0	5.9	111.0
25.1	71.6	6889.4	400.0	-25.6	-32.3	279.7	7.1	7.0	-1.2	321.0	321.0	0.0	1.0	6.0	111.0
26.8	75.4	7253.0	375.0	-29.4	-35.0	265.7	7.1	7.0	1.1	322.4	322.7	0.0	1.0	7.2	109.0
28.5	79.3	7631.8	350.0	-33.6	-37.6	261.2	6.5	6.5	1.0	323.4	323.5	0.0	1.0	7.0	104.0
30.3	83.3	8037.6	325.0	-37.4	-41.1	245.4	6.0	5.5	1.0	325.2	325.2	0.0	1.0	8.4	104.0
32.2	87.7	8404.4	300.0	-42.5	-44.1	245.4	6.0	5.5	1.0	325.2	325.2	0.0	1.0	8.4	104.0
34.3	92.2	8787.5	275.0	-46.5	-46.5	231.9	7.9	6.2	4.9	325.2	325.2	99.9	99.9	9.0	100.0
36.4	97.0	9181.8	250.0	-51.1	-49.9	205.7	10.0	4.9	9.7	327.4	327.4	99.9	99.9	9.5	94.0
38.7	102.0	9591.5	225.0	-55.5	-55.5	205.3	12.8	4.5	12.1	330.1	330.1	99.9	99.9	10.1	88.0
41.3	107.5	10034.4	200.0	-60.3	-60.3	185.9	14.3	3.3	11.7	333.2	333.2	99.9	99.9	11.0	77.0
43.8	113.3	10596.0	175.0	-64.2	-64.2	182.5	14.3	0.6	10.3	337.2	337.2	99.9	99.9	11.0	69.0
47.0	119.8	11794.4	150.0	-68.3	-68.3	193.1	16.0	3.7	15.0	344.0	344.0	99.9	99.9	13.0	58.0
50.9	127.0	12920.4	125.0	-72.9	-72.9	225.2	13.1	9.3	9.3	357.0	357.0	99.9	99.9	15.2	53.0
55.2	136.7	14224.1	100.0	-77.1	-77.1	241.6	13.1	11.5	6.2	366.6	366.6	99.9	99.9	18.4	54.0
60.9	143.7	16133.3	75.0	-81.4	-81.4	231.1	12.6	9.8	7.9	417.4	417.4	99.9	99.9	21.7	58.0
68.2	152.7	20092.0	50.0	-85.0	-85.0	251.1	3.8	3.7	0.4	504.6	504.6	99.9	99.9	27.0	55.0
79.9	162.3	25200.0	25.0	-87.7	-87.7	999.0	99.9	99.9	99.9	600.0	600.0	99.9	99.9	27.2	58.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 300
 LITTLE ROCK, ARKANSAS

 25 APRIL 1979
 1705 GMT

153 15. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.2	7.7	172.0	589.8	22.6	17.3	150.0	2.6	-1.3	2.3	296.6	329.9	12.7	72.0	0.0	0.
0.9	99.9	59.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	296.6	329.9	99.9	99.9	999.9	999.9
3.4	9.0	302.9	575.0	26.3	17.2	156.7	2.8	-1.9	2.1	295.6	329.0	12.0	82.2	0.1	320.
1.2	11.3	527.0	550.0	17.9	16.5	167.5	4.0	-0.9	3.9	295.4	328.3	12.6	91.4	0.2	322.
1.9	13.5	755.3	525.0	16.3	14.3	204.7	6.0	2.5	5.4	295.0	325.5	11.2	80.3	0.4	345.
2.7	15.7	580.6	900.0	15.6	10.9	221.7	6.9	4.6	5.1	297.6	322.1	9.2	73.7	0.7	0.
3.5	15.0	1227.6	875.0	14.2	9.0	226.0	5.8	4.2	4.0	298.2	321.0	8.3	71.1	1.0	21.
4.4	23.4	1472.0	850.0	12.4	7.9	228.0	4.8	3.6	3.2	299.2	320.6	7.9	73.7	1.2	27.
5.3	22.0	1722.1	825.0	11.2	3.0	230.3	4.8	3.1	2.6	300.4	317.3	6.1	60.2	1.4	30.
6.3	25.2	1975.8	800.0	12.9	-3.1	228.9	2.1	1.5	1.4	304.5	316.1	3.8	32.9	1.6	33.
7.3	27.7	2245.9	775.0	11.1	-1.2	204.4	0.5	0.2	0.5	305.2	318.8	4.5	42.2	1.7	33.
9.2	32.2	2518.8	725.0	9.5	-2.8	253.3	1.8	0.9	-0.2	306.5	319.0	4.1	41.8	1.7	34.
9.1	32.7	2795.1	725.0	7.6	-3.1	292.4	2.0	1.9	-0.8	307.8	320.1	4.2	46.3	1.7	34.
10.1	35.3	3087.4	700.0	6.1	-7.6	312.2	4.7	3.5	-3.2	309.2	318.5	3.1	36.7	1.7	43.
11.2	38.0	3364.6	675.0	4.6	-11.7	328.4	7.8	4.1	-0.7	310.8	317.9	2.3	29.5	1.7	57.
12.3	40.7	3690.6	650.0	2.0	-17.4	331.7	8.8	4.2	-7.8	311.2	316.0	1.5	22.0	1.7	76.
13.3	43.4	4005.3	625.0	-0.8	-22.8	329.7	8.2	4.1	-7.1	311.5	314.7	1.0	17.0	1.9	91.
14.5	46.2	4329.6	600.0	-3.3	-27.5	319.7	7.9	5.1	-6.0	312.3	314.5	0.7	13.4	2.3	102.
15.5	49.0	4664.8	575.0	-5.1	-33.6	307.7	8.0	6.3	-6.9	314.0	315.3	0.4	8.5	2.8	108.
15.3	52.0	5011.7	550.0	-8.2	-35.5	300.9	7.0	6.0	-3.6	314.3	315.5	0.3	8.9	3.3	111.
14.3	54.9	5371.2	525.0	-10.9	-37.4	295.7	7.4	6.7	-3.2	319.4	316.4	0.3	9.1	3.8	111.
17.2	59.0	5743.7	500.0	-13.5	-36.6	302.4	8.3	7.0	-4.5	316.6	317.7	0.3	12.2	4.4	112.
20.5	63.9	6131.5	475.0	-16.6	-31.8	300.0	9.1	7.8	-4.6	317.4	319.4	0.6	26.0	5.0	116.
21.3	64.1	6535.4	450.0	-15.4	-36.0	298.3	7.5	6.6	-3.6	318.2	320.2	0.4	21.3	5.7	116.
23.4	67.4	6957.4	425.0	-22.0	-43.3	296.6	6.3	5.6	-2.8	319.7	320.4	0.2	13.3	6.4	115.
25.0	71.0	7399.1	400.0	-26.0	-48.8	284.4	5.3	5.1	-1.3	321.2	321.6	0.1	9.5	6.9	115.
26.6	74.6	7963.7	375.0	-25.2	-51.1	279.7	6.7	6.6	-1.1	322.9	323.3	0.1	9.9	7.4	116.
27.2	79.2	8352.5	350.0	-33.3	-53.9	279.6	7.5	7.6	-1.3	323.6	324.1	0.1	10.4	8.1	112.
27.9	82.1	8868.6	325.0	-37.5	-56.9	293.3	8.5	7.8	-3.4	325.1	325.3	0.1	11.0	8.9	112.
31.9	86.2	9416.1	300.0	-42.0	99.9	293.8	9.3	8.5	-3.6	326.1	326.1	99.9	99.9	9.9	112.
33.7	90.3	9955.5	275.0	-46.9	99.9	288.2	8.6	8.2	-2.4	327.3	327.3	99.9	99.9	11.0	112.
35.7	94.8	10623.5	250.0	-52.3	99.9	284.9	8.7	7.9	3.7	328.4	328.4	99.9	99.9	11.9	111.
37.0	99.4	11298.6	225.0	-55.7	99.9	197.2	12.6	3.7	12.1	333.1	333.1	99.9	99.9	12.3	104.
40.4	104.5	12068.3	200.0	-61.6	99.9	181.0	19.8	0.6	19.3	335.2	335.2	99.9	99.9	12.1	93.
43.0	110.0	12859.2	175.0	-65.0	99.9	200.7	16.3	5.8	15.3	342.7	342.7	99.9	99.9	12.6	80.
46.0	115.8	13806.2	150.0	-61.9	99.9	241.6	11.7	10.3	5.6	363.2	363.2	99.9	99.9	12.6	80.
49.7	122.3	14903.9	125.0	-59.4	99.9	242.0	10.6	9.4	5.0	367.5	367.5	99.9	99.9	14.5	74.
54.1	129.3	16337.0	100.0	-59.3	99.9	236.7	12.3	10.1	7.1	413.2	413.2	99.9	99.9	19.8	71.
59.3	137.3	18136.2	75.0	-56.2	99.9	255.1	8.1	8.1	0.7	450.9	450.9	99.9	99.9	23.1	60.
66.5	146.0	20652.9	50.0	-57.3	99.9	259.7	1.7	1.3	1.1	508.0	508.0	99.9	99.9	23.9	60.
70.0	153.3	23206.1	25.0	-47.2	99.9	288.7	3.0	2.8	-0.0	609.5	609.5	99.9	99.9	25.9	60.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 300
 LITTLE ROCK, ARKANSAS

 25 APRIL 1979
 2000 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRCS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 8 DEG K	WX WFO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.9	172.0	987.0	24.4	18.3	120.0	6.2	-5.4	3.1	298.5	334.7	13.6	60.0	0.0	0
0.3	9.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.0	279.1	975.0	22.0	16.8	144.7	5.1	-2.9	4.1	298.2	331.4	12.5	69.0	0.2	313
1.1	11.3	505.4	950.0	20.4	16.7	150.2	6.8	-3.0	5.2	297.5	331.5	12.0	79.7	0.4	319
2.0	13.6	735.3	925.0	18.2	15.6	170.0	7.4	-1.3	7.3	297.5	330.1	12.2	85.1	0.7	320
2.9	16.0	970.4	900.0	17.3	15.2	192.2	7.6	1.4	7.4	299.4	331.9	12.2	87.6	1.1	341
3.0	18.5	1210.7	875.0	14.9	13.4	212.2	7.5	4.0	6.4	299.2	329.0	11.1	90.3	1.5	352
4.0	20.9	1456.2	850.0	13.0	10.9	222.1	7.7	5.2	5.7	300.7	327.0	9.7	91.0	1.8	2
5.0	23.4	1708.0	825.0	13.8	-3.0	234.5	4.4	3.6	2.6	303.2	314.6	4.0	33.8	2.1	9
6.7	25.9	1987.6	800.0	13.9	0.1	243.6	4.0	3.5	1.8	306.6	319.9	4.0	36.9	2.2	10
7.9	29.4	2234.7	775.0	12.4	0.1	244.2	5.7	5.1	2.9	307.1	321.5	5.0	42.0	2.4	10
8.0	31.0	2502.5	750.0	10.0	-0.2	260.9	7.0	7.7	1.2	307.4	321.9	5.0	49.0	2.7	26
9.0	33.7	2709.6	725.0	8.1	-1.9	267.3	7.8	7.6	0.4	308.3	321.7	4.6	49.4	3.0	35
11.0	36.3	3072.4	700.0	6.3	-4.1	270.1	6.7	6.7	-0.7	309.2	321.4	4.0	47.3	3.3	42
12.2	39.1	3376.1	675.0	5.3	-11.0	299.6	6.3	5.4	-3.1	311.6	319.1	2.5	29.7	3.5	40
13.4	41.9	3683.1	650.0	2.0	-10.5	309.8	7.0	5.4	-4.5	312.2	320.2	2.6	36.7	3.6	55
14.5	44.9	3959.2	625.0	0.3	-11.8	309.8	9.9	7.6	-6.3	312.8	320.4	2.5	39.7	3.8	60
15.6	47.8	4325.2	600.0	-2.1	-14.1	309.5	11.2	8.6	-7.1	313.7	320.4	2.2	39.5	4.2	73
16.2	50.8	4661.9	575.0	-4.4	-17.3	311.0	11.3	6.5	-7.4	314.6	320.0	1.7	36.1	4.7	81
17.1	53.0	5010.0	550.0	-7.5	-21.0	300.7	10.9	6.0	-4.5	315.2	319.5	1.3	32.9	5.2	90
17.5	55.9	5370.3	525.0	-10.1	-27.6	300.5	10.0	8.6	-5.0	316.1	318.9	0.7	22.2	6.1	90
20.9	60.1	5744.4	500.0	-13.0	-30.1	301.0	9.1	7.8	-4.7	317.2	319.3	0.6	22.3	6.7	90
22.3	63.4	6133.6	475.0	-15.8	-31.7	302.9	10.4	8.7	-5.6	319.2	320.4	0.6	23.7	7.4	90
22.7	65.9	6536.9	450.0	-18.6	-39.7	303.4	10.2	8.5	-5.6	319.2	320.4	0.3	13.5	8.3	102
25.3	70.4	6962.3	425.0	-22.0	-44.5	292.9	7.7	7.1	-3.0	320.1	321.5	0.2	10.9	9.1	103
27.0	76.0	7405.6	400.0	-24.7	-48.0	290.9	7.8	6.8	-3.8	322.5	323.4	0.1	9.3	9.9	104
29.7	77.8	7872.5	375.0	-27.9	-50.1	315.4	7.5	5.3	-5.3	324.7	325.1	0.1	9.7	10.6	104
30.6	81.7	8344.1	350.0	-32.0	-50.0	306.2	8.8	7.1	-5.2	325.6	326.0	0.1	15.0	11.3	108
32.4	83.8	8882.4	325.0	-36.3	-52.7	276.7	8.9	6.9	-1.0	326.7	327.0	0.1	16.4	12.4	108
34.4	90.2	9432.5	300.0	-41.0	-59.9	283.1	7.0	6.9	0.8	327.8	327.0	99.9	99.9	13.2	107
36.5	96.6	10017.5	275.0	-46.1	-66.1	268.6	6.8	6.8	0.2	329.4	329.9	99.9	99.9	14.0	104
39.9	99.4	10644.1	250.0	-51.4	-69.9	255.6	4.3	8.1	2.0	329.7	329.9	99.9	99.9	15.0	104
41.1	104.4	11321.8	225.0	-55.8	-69.9	196.1	13.0	3.6	12.5	333.0	333.0	99.9	99.9	15.7	101
43.6	109.8	12064.1	200.0	-60.2	-69.9	180.2	22.7	0.1	22.7	337.4	337.4	99.9	99.9	15.3	90
46.6	115.6	12887.4	175.0	-63.7	-69.9	203.4	14.9	7.3	12.9	344.2	344.2	99.9	99.9	16.1	70
49.9	122.0	13439.7	150.0	-66.9	-69.9	243.8	9.0	8.2	3.7	345.3	345.3	99.9	99.9	18.0	75
53.8	128.9	14975.5	125.0	-60.6	-69.9	231.2	11.1	8.6	7.0	345.3	345.3	99.9	99.9	20.0	73
50.3	136.3	16364.0	100.0	-56.9	-69.9	251.0	14.5	13.7	4.7	412.1	412.1	99.9	99.9	23.9	71
64.0	144.7	18172.6	75.0	-56.7	-69.9	272.2	7.9	7.9	-0.3	454.0	454.0	99.9	99.9	27.7	72
71.2	153.5	20731.0	50.0	-55.9	-69.9	205.5	2.6	1.1	2.3	811.0	811.0	99.9	99.9	29.0	71
82.0	162.3	23242.2	25.0	-47.4	-69.9	288.1	8.7	8.4	-1.0	648.3	648.3	99.9	99.9	31.3	72

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

25 APRIL 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	PH PCT	RANGE KM	0. 0
0.0	7.9	172.0	586.0	25.0	17.0	140.0	5.1	-3.3	3.9	299.4	232.8	12.8	61.0	0.0	0.0
0.9	59.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.6	276.4	975.0	23.0	16.5	148.8	6.3	-3.3	5.4	299.1	331.7	12.3	63.7	0.2	310.
1.0	11.1	457.1	950.0	21.4	15.6	153.2	6.4	-2.0	5.7	298.5	330.4	11.9	69.6	0.4	325.
2.2	13.5	727.9	925.0	19.0	15.1	163.0	6.8	-2.0	6.5	298.2	330.1	11.8	78.0	0.8	332.
3.1	15.7	963.3	500.0	17.2	14.8	160.6	7.2	0.1	7.2	299.2	330.9	11.9	85.6	1.2	336.
4.1	18.2	1203.8	675.0	15.6	13.5	208.9	7.9	3.8	7.0	300.0	330.1	11.3	87.6	1.5	347.
5.2	20.5	1445.7	850.0	12.6	11.5	223.2	9.2	6.9	7.4	301.3	327.6	10.1	87.2	2.0	1.
6.2	23.0	1701.2	825.0	12.1	10.0	233.2	9.2	7.4	5.5	301.3	327.6	9.4	87.4	2.5	13.
7.2	25.5	1959.6	800.0	12.2	2.6	259.7	5.1	3.9	3.3	305.2	322.3	0.8	51.4	2.0	10.
8.2	28.0	2224.5	775.0	12.2	-3.1	247.5	6.1	5.6	2.3	307.0	319.5	3.9	34.1	3.0	21.
9.2	30.6	2508.7	750.0	10.7	-2.8	274.3	9.5	9.5	-0.7	308.2	320.3	4.2	38.8	3.2	20.
10.3	33.2	2782.5	725.0	5.0	-2.4	286.7	11.6	11.1	-3.3	309.4	322.4	4.4	44.5	3.5	40.
11.4	35.9	3071.9	700.0	6.2	-2.8	290.5	11.6	10.8	-4.0	309.3	322.3	4.5	52.6	3.0	51.
12.5	38.5	3369.0	675.0	3.7	-2.6	285.5	10.8	10.5	-2.9	309.2	323.3	4.6	62.1	4.3	60.
13.6	41.1	3674.5	650.0	1.7	-9.0	283.6	10.0	9.7	-2.3	310.5	319.9	3.0	44.9	4.0	65.
14.9	46.0	3989.2	625.0	-1.2	-9.4	284.4	10.2	10.2	-3.4	311.0	320.5	2.9	53.0	5.4	70.
16.1	46.8	4313.7	600.0	-3.8	-10.4	287.8	11.0	10.5	-4.4	312.2	320.5	2.7	68.0	6.0	79.
17.4	49.7	4648.1	575.0	-6.7	-11.7	297.0	10.7	9.5	-5.7	313.7	318.6	1.5	42.2	7.5	83.
18.9	52.7	4994.2	550.0	-8.7	-19.2	303.2	10.4	8.7	-5.7	315.7	318.6	1.0	29.3	8.1	87.
20.2	55.8	5353.4	525.0	-10.6	-25.1	303.3	10.7	9.0	-5.9	316.5	319.7	0.6	24.0	9.9	91.
21.6	58.9	5726.7	500.0	-13.6	-29.7	304.1	10.2	8.5	-5.7	316.5	319.7	0.6	28.2	9.6	94.
23.1	62.1	6114.7	475.0	-16.4	-30.6	313.5	10.9	7.9	-7.5	317.8	320.1	0.7	42.9	10.4	98.
24.4	65.4	6518.2	450.0	-20.4	-39.7	316.6	12.6	6.7	-9.2	318.7	320.7	0.6	42.9	11.3	101.
26.0	68.8	6938.9	425.0	-23.6	-32.7	310.4	12.2	5.3	-6.0	320.1	320.4	0.1	7.3	12.4	104.
27.6	72.3	7375.0	400.0	-26.8	-31.8	306.0	10.2	8.3	-3.7	322.2	323.1	0.2	29.2	13.2	105.
29.5	76.0	7842.0	375.0	-25.8	-42.0	303.5	6.7	5.5	-3.7	322.2	324.4	0.2	25.2	13.9	106.
31.4	79.7	8330.3	350.0	-33.4	-46.4	288.0	6.2	5.9	-1.7	323.2	325.7	0.1	26.8	14.6	106.
33.3	83.7	8846.6	325.0	-37.3	-49.4	268.2	6.1	8.1	0.3	325.2	325.7	0.1	26.8	14.6	106.
35.2	87.8	9394.6	300.0	-41.6	-49.9	266.4	11.5	11.5	0.7	326.2	326.2	99.9	99.9	15.7	102.
37.3	92.2	9978.6	275.0	-46.9	99.9	263.3	12.6	12.5	1.5	327.4	327.4	99.9	99.9	17.2	102.
39.6	96.6	10602.8	250.0	-51.2	99.9	243.0	11.6	10.3	5.3	330.0	330.0	99.9	99.9	18.8	100.
41.8	101.5	11252.6	225.0	-55.7	99.9	192.2	17.2	3.6	16.9	333.1	333.1	99.9	99.9	19.7	96.
44.5	105.8	12024.0	200.0	-60.9	99.9	186.6	20.9	2.4	20.7	336.4	336.4	99.9	99.9	19.5	85.
47.5	112.5	12957.4	175.0	-67.6	99.9	229.2	12.7	5.6	8.3	345.1	345.1	99.9	99.9	20.9	78.
51.3	118.8	13800.0	150.0	-62.3	99.9	256.5	7.9	7.7	1.9	362.8	362.8	99.9	99.9	23.1	77.
55.5	125.6	14925.6	125.0	-63.2	99.9	252.3	10.2	9.7	3.1	360.2	360.2	99.9	99.9	25.4	77.
60.9	134.0	16310.7	100.0	-68.1	99.9	262.3	12.1	12.0	1.6	411.7	411.7	99.9	99.9	29.4	77.
67.5	143.0	18114.3	75.0	-58.4	99.9	252.4	5.3	5.0	1.6	488.4	488.4	99.9	99.9	34.5	77.
76.9	154.0	20655.0	50.0	-55.7	99.9	293.7	3.4	3.3	-1.4	512.3	512.3	99.9	99.9	34.5	77.
90.5	163.0	25144.8	25.0	-60.6	99.9	291.9	5.3	4.9	-2.0	643.6	643.6	99.9	99.9	35.7	80.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

20 APRIL 1970
205 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR STD CM/KG	RM PCP	RANGE KM	AZ DEG
0.0	7.9	172.0	985.4	21.7	17.3	150.0	3.6	-1.0	3.1	296.1	329.4	12.7	76.0	0.0	0.
0.9	59.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.9	266.2	975.0	21.7	16.4	149.5	9.4	-4.7	8.1	297.0	329.0	12.1	71.0	0.2	346.
1.4	10.9	491.5	950.0	20.3	14.7	144.3	9.3	-2.2	9.0	297.6	327.5	11.2	70.2	0.6	338.
2.2	13.0	721.8	925.0	19.0	13.2	108.2	9.1	1.3	9.0	298.6	326.6	10.4	69.2	1.1	347.
3.2	15.2	957.2	900.0	17.4	13.1	203.0	9.3	3.6	8.6	299.2	328.0	10.0	69.2	1.5	357.
4.0	17.4	1162.0	875.0	15.8	13.3	219.9	9.0	5.0	6.9	300.2	330.0	11.1	65.3	1.9	4.
4.9	19.5	1443.8	850.0	13.3	11.9	235.7	9.1	7.5	5.1	300.2	330.0	10.4	60.9	2.3	13.
5.8	21.5	1695.0	825.0	11.9	8.0	250.9	10.5	10.0	3.5	301.2	323.8	8.3	77.2	2.7	21.
6.7	24.1	1913.1	800.0	13.7	-17.4	262.0	11.9	11.0	1.7	305.8	309.6	1.2	10.1	3.1	32.
7.0	25.4	2219.8	775.0	12.0	-3.7	272.0	10.9	10.9	-0.4	306.8	317.0	3.0	33.1	3.5	41.
8.0	29.8	2493.2	750.0	9.9	-4.6	273.6	12.7	12.7	-0.8	307.4	318.0	3.6	35.5	4.0	49.
9.0	31.2	2774.0	725.0	8.0	-2.4	280.8	12.0	11.9	-2.1	308.2	321.2	4.4	47.8	4.6	56.
10.9	33.7	3062.9	700.0	7.0	-19.3	285.8	10.5	10.1	-2.9	310.3	314.0	1.2	13.2	5.1	62.
12.0	36.2	3360.2	675.0	4.5	-21.7	292.6	10.0	9.3	-3.9	310.7	313.9	1.0	12.5	5.5	67.
13.1	38.7	3666.2	650.0	2.1	-20.2	293.4	10.4	9.6	-4.1	311.4	315.1	1.2	17.3	6.0	72.
14.2	41.3	3981.1	625.0	-0.7	-18.3	299.4	11.1	9.7	-5.5	311.7	316.2	1.4	24.9	6.6	76.
15.4	44.0	4305.4	600.0	-3.6	-16.0	295.5	11.7	10.2	-5.7	312.0	317.7	1.0	37.3	7.2	91.
16.5	46.7	4635.9	575.0	-6.6	-17.6	295.0	11.3	10.3	-4.0	312.2	317.5	1.7	41.4	7.8	94.
17.8	49.5	4985.2	550.0	-9.7	-20.1	296.0	10.5	9.3	-4.7	312.2	317.0	1.4	42.3	8.5	97.
19.0	52.3	5342.9	525.0	-11.7	-24.5	297.2	10.2	9.1	-4.7	314.4	317.7	1.0	33.9	9.2	90.
20.3	55.3	5715.6	500.0	-13.9	-28.6	301.1	8.4	7.2	-4.3	316.1	318.5	0.7	27.6	9.8	92.
21.7	58.3	6102.9	475.0	-17.1	-28.7	299.0	7.1	6.3	-3.5	316.6	319.4	0.7	35.4	10.4	93.
23.1	61.4	6506.7	450.0	-19.7	-32.5	291.9	9.0	8.4	-3.4	318.2	320.4	0.6	30.9	11.0	94.
24.5	64.5	6928.8	425.0	-22.0	-35.7	295.6	10.3	9.3	-4.4	319.6	321.1	0.4	29.7	11.8	96.
26.1	67.9	7369.9	400.0	-26.5	-42.0	304.7	9.1	7.5	-5.2	320.6	321.5	0.2	21.4	12.6	98.
27.8	71.3	7833.6	375.0	-29.5	-40.5	304.3	12.5	10.3	-7.0	322.4	322.7	0.0	3.2	13.6	99.
29.5	74.9	8321.6	350.0	-33.7	-43.8	309.9	12.1	9.3	-7.7	323.3	321.3	0.0	3.1	14.8	102.
31.4	78.6	8834.8	325.0	-38.2	-45.5	301.8	13.1	11.1	-6.9	324.6	324.1	0.0	3.0	16.0	104.
33.3	82.4	9383.3	300.0	-42.0	-49.9	292.0	13.5	12.5	-5.3	326.2	324.1	99.9	99.9	17.5	105.
35.3	86.5	9965.7	275.0	-47.1	-59.9	295.0	13.0	12.5	-6.0	327.0	324.1	99.9	99.9	19.2	106.
37.6	90.8	10568.9	250.0	-52.0	-59.9	284.2	8.9	8.6	-2.2	327.2	324.1	99.9	99.9	20.8	107.
40.0	95.4	11263.2	225.0	-56.1	-59.9	216.0	8.7	5.1	7.1	332.6	324.1	99.9	99.9	21.4	109.
42.3	100.2	12006.0	200.0	-60.4	-59.9	251.1	10.6	10.0	3.4	337.2	324.1	99.9	99.9	22.0	102.
45.0	105.5	12826.9	175.0	-65.4	-59.9	293.2	9.9	9.1	-3.9	342.0	324.1	99.9	99.9	23.6	102.
46.3	111.3	13770.5	150.0	-62.4	-59.9	284.8	8.0	8.6	-1.9	342.0	324.1	99.9	99.9	25.3	103.
52.1	117.5	14994.1	125.0	-63.8	-59.9	264.8	11.3	11.3	0.7	379.4	324.1	99.9	99.9	27.4	102.
56.7	124.3	16285.9	100.0	-60.5	-59.9	277.8	9.1	9.0	-1.2	410.9	324.1	99.9	99.9	30.4	101.
62.5	132.0	19083.1	75.0	-59.6	-59.9	264.2	5.9	5.8	0.6	448.0	324.1	99.9	99.9	32.5	100.
70.3	140.0	20442.6	50.0	-57.3	-59.9	274.1	3.1	3.1	-0.1	508.4	324.1	99.9	99.9	34.9	100.
81.0	148.7	25131.7	25.0	-48.9	-59.9	244.0	5.4	4.8	2.4	644.8	324.1	99.9	99.9	34.4	101.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

26 APRIL 1979
505 GMT

TIME MIN	CMCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCMF M/SEC	V CCMF M/SEC	POT T DEG K	E POT T DEG K	MX RTG CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	5.3	172.0	985.7	20.3	15.9	180.0	4.1	0.0	4.1	294.7	325.1	11.7	76.0	0.0	0.
9.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.3	9.4	266.5	975.0	20.1	16.0	195.5	12.4	3.3	12.4	295.4	326.3	11.8	77.2	0.2	353.
1.1	12.1	491.2	550.0	20.4	13.7	200.4	12.6	4.4	11.8	297.5	325.7	10.5	65.3	0.7	10.
1.9	14.8	721.5	925.0	19.2	13.7	211.2	12.4	6.4	10.6	298.5	327.6	10.7	70.4	1.3	17.
2.8	17.6	957.0	500.0	17.8	12.1	226.0	12.4	8.9	8.6	299.5	326.6	9.9	69.1	1.8	24.
3.7	20.3	1157.6	875.0	15.8	11.2	236.6	11.7	9.8	8.4	300.2	326.2	9.6	74.3	2.3	32.
4.6	23.3	1443.7	850.0	13.7	10.2	251.2	12.6	11.9	4.1	300.6	325.6	9.3	79.1	3.0	38.
5.5	26.2	1655.5	825.0	13.4	8.1	274.1	13.0	12.9	-1.0	302.6	325.6	8.3	70.1	3.6	44.
6.5	29.3	1954.1	800.0	11.2	7.0	284.7	12.9	12.5	-3.3	303.1	325.8	7.9	75.4	4.8	53.
7.5	32.3	2219.2	775.0	10.1	4.1	287.8	11.9	11.4	-3.6	304.7	323.4	6.7	66.5	4.5	62.
8.5	35.3	2491.7	750.0	6.7	4.9	292.5	12.9	11.9	-4.9	306.0	326.4	7.3	77.0	5.1	69.
9.5	38.4	2772.4	725.0	6.4	-2.5	291.3	12.4	11.5	-4.5	308.7	321.7	4.4	66.3	5.7	73.
10.6	41.6	3061.9	700.0	7.1	-11.0	284.0	12.0	11.6	-2.9	310.3	317.5	2.4	26.2	6.3	78.
11.7	44.9	3359.5	675.0	4.9	-12.7	282.0	13.5	13.2	-2.8	311.2	317.0	2.1	26.6	7.1	81.
12.8	48.3	3622.0	650.0	2.3	-13.3	282.8	13.3	13.0	-2.9	311.6	318.3	2.1	30.4	7.9	83.
13.9	51.7	3881.1	625.0	-0.6	-13.8	282.0	13.1	12.8	-2.7	311.6	318.3	2.1	35.9	8.7	85.
14.9	55.0	4305.8	600.0	-3.3	-12.9	280.9	13.1	12.9	-2.5	312.3	319.6	2.4	47.1	9.5	87.
15.0	54.6	4641.0	575.0	-6.1	-14.0	280.3	12.5	12.3	-2.2	312.8	319.7	2.2	53.4	10.3	88.
16.1	62.3	4987.6	550.0	-8.4	-14.7	282.8	12.0	11.7	-2.7	314.1	319.6	1.7	47.0	11.1	89.
17.3	66.0	5346.8	525.0	-10.7	-23.6	283.0	10.0	9.8	-3.2	317.0	319.8	0.8	30.5	12.7	91.
18.7	69.9	5720.2	500.0	-13.2	-26.9	287.2	11.0	10.5	-3.2	317.0	319.8	0.8	30.5	12.7	91.
20.0	73.8	6105.5	475.0	-15.5	-38.3	287.6	12.6	12.0	-3.8	318.8	319.9	0.3	12.0	13.7	92.
21.5	77.9	6518.9	450.0	-16.9	-46.9	283.4	12.2	11.8	-2.8	319.8	320.6	0.1	6.3	14.7	93.
23.1	82.0	6937.4	425.0	-22.5	-47.1	282.4	12.5	12.2	-2.7	320.1	320.6	0.1	8.5	15.6	93.
24.6	90.7	7379.4	400.0	-25.4	-32.3	284.6	13.8	13.4	-3.5	322.0	324.2	0.6	52.4	16.7	94.
26.2	97.2	7842.2	375.0	-28.6	-44.1	297.7	12.1	10.7	-5.6	323.8	324.5	0.2	20.7	17.8	95.
28.2	104.5	8335.5	350.0	-32.5	-39.6	312.1	9.3	6.9	-6.3	325.8	326.2	0.3	48.6	18.6	97.
30.0	109.4	8853.1	325.0	-36.9	-41.4	307.1	10.4	8.3	-6.3	325.8	327.0	0.3	62.2	19.6	98.
31.7	104.5	9401.6	300.0	-41.8	-49.9	318.9	11.6	7.6	-8.7	326.5	327.0	0.3	62.2	19.6	98.
33.6	109.4	9984.6	275.0	-47.0	-59.9	325.1	13.1	7.5	-10.7	327.2	327.2	0.3	62.2	19.6	98.
35.6	114.2	10609.0	250.0	-52.1	-69.9	338.0	14.7	5.5	-13.6	329.6	329.6	0.3	62.2	19.6	98.
37.1	119.4	11282.8	225.0	-57.7	-79.9	336.3	13.3	5.4	-12.2	330.2	329.9	0.3	62.2	19.6	98.
40.4	124.4	12017.8	200.0	-60.8	-89.9	316.8	11.9	8.1	-8.7	336.5	329.9	0.3	62.2	19.6	98.
42.7	127.8	12837.2	175.0	-66.7	-99.9	306.6	13.7	11.0	-8.2	339.4	329.9	0.3	62.2	19.6	98.
45.9	135.2	13774.8	150.0	-61.3	-99.9	286.8	11.5	11.0	-8.2	339.4	329.9	0.3	62.2	19.6	98.
48.3	140.8	14892.5	125.0	-64.1	-99.9	267.5	12.8	12.8	0.6	379.9	329.9	0.3	62.2	19.6	98.
50.0	146.3	16281.4	100.0	-59.2	-99.9	264.0	8.4	8.3	0.9	413.4	329.9	0.3	62.2	19.6	98.
52.0	152.0	18081.1	75.0	-59.4	-99.9	264.6	5.7	5.4	0.8	448.4	329.9	0.3	62.2	19.6	98.
54.6	157.8	20628.9	50.0	-58.1	-99.9	300.7	2.6	2.2	-1.3	506.4	329.9	0.3	62.2	19.6	98.
57.6	163.5	25076.6	25.0	-51.1	-99.9	336.2	5.8	4.8	-3.2	638.6	329.9	0.3	62.2	19.6	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
LITTLE ROCK, ARKANSAS
26 APRIL 1979
005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 2 DEG K	MI RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.0	172.0	505.0	19.1	15.4	260.0	3.1	3.1	0.5	293.5	322.8	11.3	79.0	0.0	0.
95.9	99.9	55.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	8.0	260.0	575.0	19.1	15.5	255.6	9.3	9.0	2.3	294.3	324.2	11.4	79.7	0.2	68.
1.2	11.2	484.1	950.0	19.4	15.3	267.8	11.0	11.0	0.4	296.2	327.5	11.6	77.3	0.6	78.
1.9	13.5	713.7	925.0	18.0	14.2	280.6	10.8	10.6	-2.0	297.7	327.2	11.1	78.5	1.1	87.
2.8	15.9	948.0	900.0	15.8	13.4	286.4	10.0	9.6	-2.8	297.2	326.7	10.9	85.9	1.6	93.
3.7	17.3	1187.1	875.0	14.0	12.9	276.5	11.1	11.0	-1.3	298.3	327.0	10.8	92.9	2.1	96.
4.7	23.7	1432.3	850.0	12.7	12.1	271.6	13.6	13.6	-0.4	300.2	328.8	10.5	89.7	2.9	98.
5.7	23.3	1683.9	825.0	12.2	10.8	281.9	15.5	15.1	-3.2	301.2	328.4	9.9	90.9	3.7	95.
6.6	25.8	1941.9	800.0	10.7	9.0	285.1	14.9	14.5	-3.6	302.2	327.4	9.1	88.9	4.4	97.
7.5	29.3	2206.5	775.0	9.0	6.8	283.8	12.6	12.5	-2.8	303.2	325.8	8.1	86.4	5.4	98.
8.5	30.9	2477.8	750.0	7.3	5.2	289.8	11.5	10.9	-3.9	304.5	325.3	7.5	86.7	6.0	98.
9.4	33.4	2756.5	725.0	5.3	3.6	298.3	10.2	9.0	-4.9	305.3	324.6	6.9	88.7	6.6	100.
10.4	36.1	3042.8	700.0	3.5	1.2	299.4	10.4	9.0	-5.1	306.4	323.5	6.0	95.0	7.2	102.
11.5	38.8	3332.2	675.0	3.6	-11.6	289.6	13.1	12.3	-4.4	309.7	316.8	2.3	31.8	7.9	103.
12.5	41.5	3642.5	650.0	1.7	-18.5	285.7	15.7	15.1	-4.3	310.5	315.3	1.4	20.4	8.0	103.
13.6	44.3	3958.0	625.0	-1.3	-17.5	281.8	15.2	14.9	-3.1	311.0	315.8	1.5	27.8	8.8	103.
14.8	47.1	4281.8	600.0	-3.6	-16.5	271.3	14.5	14.5	-0.3	311.9	317.4	1.7	36.0	10.9	103.
16.1	50.2	4616.4	575.0	-6.4	-16.8	263.8	13.3	15.2	1.6	312.5	319.0	2.1	51.1	11.9	101.
17.3	53.1	4962.4	550.0	-6.3	-16.5	261.0	14.3	14.2	2.2	313.1	319.0	1.9	55.7	13.0	100.
18.5	55.1	5320.8	525.0	-11.4	-21.0	260.1	14.2	14.0	2.4	314.7	319.1	1.4	44.9	14.0	98.
19.9	57.1	5653.8	500.0	-13.4	-26.1	260.3	15.0	14.8	2.5	316.7	319.7	0.9	33.6	15.1	97.
21.3	62.4	6082.5	475.0	-15.9	-26.4	263.0	16.0	15.9	1.9	318.2	318.4	0.0	1.6	16.3	96.
22.6	65.7	6467.7	450.0	-18.6	-31.8	265.8	16.9	16.9	1.5	319.5	319.9	0.0	1.0	17.6	95.
24.1	68.1	6911.1	425.0	-21.8	-33.8	268.6	19.5	19.5	0.5	321.1	321.1	0.0	1.0	19.2	94.
25.6	72.7	7354.2	400.0	-25.6	-36.3	273.1	20.2	20.2	-1.1	321.7	321.8	0.0	1.0	21.0	94.
27.1	76.3	7818.6	375.0	-28.7	-44.6	279.3	19.6	19.3	-3.2	323.6	324.3	0.2	20.8	23.0	94.
29.9	80.0	8308.4	350.0	-32.0	-70.5	283.2	18.0	17.5	-4.1	325.7	325.7	0.0	1.0	24.0	95.
31.0	84.0	8828.1	325.0	-38.3	-73.4	288.1	14.2	14.0	-2.5	326.2	326.6	0.0	1.0	26.9	95.
31.1	84.2	9372.0	300.0	-41.3	59.9	259.1	12.0	11.8	2.3	327.2	327.2	99.9	999.9	28.5	95.
35.0	92.5	9962.8	275.0	-46.3	99.9	250.4	9.5	9.0	3.2	328.3	328.3	99.9	999.9	29.7	94.
37.0	97.2	10598.2	250.0	-50.7	99.9	259.3	11.5	11.3	2.1	330.4	330.4	99.9	999.9	30.7	93.
39.2	102.0	11264.0	225.0	-55.6	59.9	232.4	17.3	16.3	-5.7	333.0	333.0	99.9	999.9	32.6	93.
41.8	107.4	12007.9	200.0	-62.0	99.9	303.5	21.8	17.7	-12.7	334.7	334.7	99.9	999.9	35.3	96.
44.5	113.0	12823.7	175.0	-67.7	99.9	303.8	20.3	16.9	-11.3	339.8	339.8	99.9	999.9	38.5	99.
47.6	119.5	13756.2	150.0	-73.1	99.9	285.5	16.0	1.5	-4.0	361.4	361.4	99.9	999.9	41.5	99.
50.9	126.7	14802.2	125.0	-82.8	99.9	285.8	13.9	13.4	-3.8	381.2	381.2	99.9	999.9	44.2	100.
54.9	134.7	16275.3	100.0	-99.1	59.9	283.9	7.4	7.1	-1.8	413.2	413.2	99.9	999.9	46.9	100.
60.3	144.0	18081.9	75.0	-57.7	99.9	258.7	6.9	6.8	1.4	452.1	452.1	99.9	999.9	49.3	100.
67.8	153.0	20624.1	50.0	-40.6	99.9	265.4	4.4	4.4	0.3	500.7	500.7	99.9	999.9	51.1	99.
79.7	166.0	25062.4	25.0	-32.0	99.9	288.9	5.0	4.8	-1.6	635.1	635.1	99.9	999.9	53.3	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
26 APRIL 1979
1106 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	MX RTO CM/MS	RM PCT	RANGE KM	AZ DEG
0.0	7.8	172.0	986.6	14.3	10.3	340.0	7.7	2.6	-7.2	288.0	309.4	8.0	77.0	157	11.0
0.3	9.9	190.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	0.0
1.1	11.0	490.5	950.0	13.7	10.8	327.0	13.1	7.1	-11.0	288.5	310.6	0.4	83.0	0.3	100.
2.0	13.2	713.2	925.0	10.0	9.7	327.6	13.6	7.2	-11.6	288.7	310.3	0.4	93.0	0.8	100.
2.9	15.5	942.8	900.0	12.2	12.0	317.4	11.1	7.5	-10.8	289.5	310.9	0.2	98.3	1.8	100.
4.0	17.7	1100.2	875.0	13.0	12.9	310.9	10.9	8.3	-8.2	294.1	320.9	9.9	98.6	2.2	100.
4.5	20.0	1424.1	850.0	11.9	9.6	306.1	11.1	9.0	-7.2	297.3	325.9	10.8	98.9	2.8	100.
5.9	22.3	1675.3	825.0	12.1	8.5	295.0	11.7	10.6	-6.6	298.6	322.5	8.9	85.9	3.8	101.
6.9	24.7	1932.9	800.0	10.6	13.2	280.8	12.7	12.5	-2.4	302.5	324.7	0.5	78.5	4.1	130.
7.8	27.1	2197.2	775.0	9.0	3.9	269.8	11.1	11.1	-2.4	302.5	324.7	7.1	70.0	4.7	130.
8.9	29.5	2468.3	750.0	6.7	2.9	264.9	10.4	10.4	0.9	303.5	321.7	6.6	70.4	5.3	129.
9.8	32.0	2768.0	725.0	4.4	2.0	273.9	10.5	10.5	0.9	303.5	321.7	6.3	76.6	5.7	129.
10.9	34.5	3031.9	700.0	4.6	-17.2	288.0	11.5	10.9	-3.6	307.6	312.0	6.1	84.3	6.3	121.
12.0	37.1	3327.1	675.0	2.8	-20.4	291.8	12.4	11.5	-4.6	308.6	312.0	1.4	18.7	6.9	119.
13.2	39.7	3631.1	650.0	0.3	-19.4	283.4	12.0	11.7	-2.8	309.2	313.3	1.3	21.0	7.8	119.
14.5	42.4	3944.0	625.0	-2.4	-19.3	271.3	13.7	13.7	-0.3	311.2	315.3	1.3	25.9	9.5	116.
15.7	45.1	4268.7	600.0	-4.2	-20.3	264.8	14.5	14.5	1.3	311.2	315.3	1.3	27.1	10.4	113.
17.0	47.0	4600.8	575.0	-6.0	-19.3	269.2	16.8	16.8	0.5	312.0	316.5	1.4	36.1	11.5	110.
18.2	50.9	4966.8	550.0	-8.4	-21.7	265.7	18.5	18.5	0.1	314.1	318.0	1.2	33.2	12.7	108.
19.3	53.8	5306.0	525.0	-11.0	-21.5	272.8	20.5	20.5	-1.0	315.2	317.7	0.8	24.2	13.9	106.
20.5	56.9	5678.9	500.0	-13.7	-27.4	277.7	23.1	22.9	-3.1	316.4	319.1	0.8	30.0	15.5	105.
21.7	59.9	6057.1	475.0	-15.6	-37.5	277.8	25.0	24.8	-3.4	318.4	319.7	0.3	13.3	17.3	105.
23.4	63.0	6472.8	450.0	-18.7	-29.7	273.9	24.8	24.7	-1.7	319.8	322.2	0.7	37.1	19.7	105.
25.1	66.3	6897.2	425.0	-21.0	-63.3	278.4	21.4	21.3	-1.6	322.0	322.1	0.0	1.0	22.2	102.
26.9	69.7	7381.7	400.0	-24.9	-65.8	271.9	19.2	19.2	-0.6	322.6	322.7	0.0	1.0	24.3	102.
28.7	73.1	7806.8	375.0	-29.3	-62.8	278.8	18.3	18.3	-0.9	322.8	322.9	0.0	2.4	26.1	101.
30.6	76.8	8255.0	350.0	-33.8	-58.7	276.5	16.7	16.6	-1.9	323.2	323.4	0.0	6.1	28.2	100.
32.4	80.6	8710.3	325.0	-37.9	-61.1	284.9	18.8	18.2	-4.8	324.4	324.5	0.0	6.7	30.0	100.
34.3	84.5	9155.9	300.0	-42.8	59.9	290.4	26.5	24.9	-9.2	325.1	325.1	99.9	999.9	32.5	101.
36.4	89.7	9636.8	275.0	-47.6	99.9	290.3	33.7	31.6	-11.7	326.2	326.2	99.9	999.9	36.3	102.
38.8	93.2	10158.2	250.0	-52.9	59.9	287.4	35.8	34.2	-10.7	327.5	327.5	99.9	999.9	41.4	103.
41.1	97.8	11232.1	225.0	-56.9	99.9	290.5	35.7	33.4	-12.5	331.4	331.4	99.9	999.9	46.2	103.
43.3	102.8	11971.6	200.0	-60.1	99.9	298.9	24.4	21.4	-11.8	337.6	337.6	99.9	999.9	50.8	105.
45.9	109.3	12795.3	175.0	-65.2	99.9	265.3	13.3	13.2	1.1	342.4	342.4	99.9	999.9	52.4	105.
48.3	116.3	13737.6	150.0	-61.8	99.9	282.0	23.5	23.0	-4.0	363.7	363.7	99.9	999.9	56.8	104.
53.4	121.0	14877.4	125.0	-58.8	99.9	291.9	12.4	11.5	-4.6	368.5	368.5	99.9	999.9	61.0	104.
58.0	129.3	16273.5	100.0	-60.1	99.9	284.5	7.9	7.6	-2.0	411.7	411.7	99.9	999.9	64.0	104.
61.8	137.0	18075.1	75.0	-57.7	99.9	272.2	5.7	5.7	-0.2	451.5	451.5	99.9	999.9	68.0	104.
71.8	147.0	20631.3	50.0	-55.8	99.9	319.4	4.9	3.2	-3.7	511.9	511.9	99.9	999.9	67.8	104.
84.3	157.5	25148.5	25.0	-47.0	99.9	999.9	99.9	99.9	99.9	649.6	649.6	99.9	999.9	68.7	105.

* JY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * JY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MCNETT, MISSOURI25 APRIL 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PCES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.5	438.0	957.7	13.1	12.6	160.0	5.1	-1.7	4.8	289.6	314.7	9.7	97.0	0.0	0.
0.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
6.3	11.2	506.5	950.0	14.7	14.5	193.1	12.9	2.9	12.5	292.1	320.7	11.0	98.7	0.3	342.
1.1	13.5	734.3	925.0	17.3	12.8	208.5	13.9	6.6	12.2	297.1	324.0	10.1	74.7	0.7	2.
1.9	15.8	968.6	900.0	16.8	11.4	225.3	14.7	10.5	10.3	298.9	324.6	9.6	71.1	1.4	22.
2.9	18.2	1206.4	875.0	15.2	8.1	223.3	12.9	8.9	9.4	299.6	320.8	7.8	62.2	2.1	31.
3.8	20.5	1453.9	850.0	14.0	7.3	207.8	11.1	5.2	9.8	300.5	321.6	7.6	63.6	2.8	32.
4.6	23.0	1705.8	825.0	13.3	3.1	203.9	8.8	3.8	8.0	302.7	319.1	5.8	50.0	3.3	31.
5.9	25.4	1964.3	802.0	11.9	0.8	216.1	8.2	4.8	6.6	303.6	318.2	5.1	46.4	3.7	30.
6.5	28.0	2229.0	775.0	9.6	1.7	232.4	6.5	6.7	5.2	304.1	319.9	5.6	57.7	4.1	32.
7.5	30.5	2506.8	750.0	7.8	0.2	243.6	9.3	8.4	4.0	305.0	319.8	5.2	58.8	4.7	35.
8.6	33.0	2775.8	725.0	6.0	-0.5	248.1	7.2	6.6	2.9	306.1	320.7	5.1	62.9	5.1	38.
9.7	35.7	3067.3	700.0	5.4	-3.5	250.3	7.0	6.6	2.4	308.5	320.9	4.2	52.5	5.5	41.
10.6	38.3	3363.8	675.0	3.8	-9.6	268.4	6.5	6.5	0.2	309.6	318.2	2.8	37.8	5.9	43.
11.9	41.0	3669.0	650.0	1.1	-8.9	283.6	7.0	6.7	-1.9	310.2	319.3	3.0	47.2	6.1	47.
12.9	43.8	3923.2	625.0	-1.8	-7.3	290.3	7.8	7.3	-2.7	310.4	321.0	3.5	66.0	6.4	51.
14.2	46.7	4306.7	600.0	-4.4	-12.4	282.5	8.4	8.2	-1.8	311.1	318.6	2.5	53.6	6.7	55.
15.4	49.5	4600.6	575.0	-6.9	-19.4	272.3	7.6	7.6	-0.3	311.5	316.5	1.5	36.8	7.2	58.
17.7	52.5	4866.8	550.0	-8.6	-35.0	278.2	6.0	6.0	-0.4	313.5	315.1	0.3	9.6	7.6	60.
18.0	55.5	5345.4	525.0	-11.3	-36.5	282.2	7.2	7.1	-1.5	314.8	316.2	0.4	12.6	8.0	63.
19.3	58.6	5718.2	500.0	-13.7	-35.2	273.1	9.2	9.2	-0.5	316.3	317.6	0.4	14.4	8.5	65.
20.7	61.9	6105.7	475.0	-16.7	-33.0	265.0	9.6	9.6	0.8	317.7	319.0	0.5	22.8	9.3	67.
22.2	65.1	6509.1	450.0	-20.3	-37.2	263.3	8.8	8.8	0.7	317.7	318.9	0.3	20.2	10.1	69.
23.8	68.4	6925.9	425.0	-23.3	-41.3	254.8	8.5	8.2	2.2	319.1	320.4	0.2	17.2	10.8	70.
25.4	71.9	7370.3	400.0	-27.0	-45.8	252.9	8.5	8.1	2.5	319.9	320.4	0.2	14.9	11.7	69.
27.1	75.4	7812.6	375.0	-30.7	-47.2	265.1	8.8	8.8	0.8	321.0	321.6	0.1	17.9	12.6	70.
29.9	79.3	8316.1	350.0	-35.0	-49.3	271.7	9.2	9.2	-0.3	321.6	322.1	0.1	21.3	13.4	71.
30.8	83.0	8830.6	325.0	-39.3	-53.6	276.9	9.4	9.4	-1.1	322.5	322.8	0.1	20.0	14.5	73.
32.9	87.2	9374.5	300.0	-43.8	-59.9	278.6	9.1	9.0	-1.4	323.6	322.8	0.1	99.9	15.5	75.
34.9	91.3	9953.1	275.0	-48.5	-59.9	282.5	9.1	8.9	-2.0	325.0	325.0	99.9	99.9	16.5	77.
37.2	95.8	10571.8	250.0	-53.8	-59.9	279.9	7.7	7.6	-1.3	326.1	326.1	99.9	99.9	17.5	78.
39.7	100.6	11240.0	225.0	-60.1	-59.9	262.7	8.2	8.1	1.0	326.5	326.5	99.9	99.9	18.5	79.
42.4	105.4	11969.8	200.0	-63.4	-59.9	238.5	12.0	10.2	6.3	332.4	332.4	99.9	99.9	20.0	77.
45.2	111.0	12787.1	175.0	-62.5	-59.9	256.9	12.6	12.3	2.9	346.7	346.7	99.9	99.9	22.2	77.
48.5	117.0	13737.4	150.0	-63.3	-59.9	230.3	14.2	10.9	9.1	361.1	361.1	99.9	99.9	24.5	75.
52.0	123.5	14608.8	125.0	-60.1	-59.9	251.3	11.9	11.3	3.8	386.2	386.2	99.9	99.9	27.2	74.
56.6	130.8	16256.9	100.0	-61.2	-59.9	236.8	11.2	9.4	6.1	409.4	409.4	99.9	99.9	30.1	71.
62.4	133.0	18059.0	75.0	-56.9	-59.9	251.0	5.8	9.2	3.2	453.6	453.6	99.9	99.9	34.0	71.
65.9	143.3	20626.6	50.0	-56.4	-59.9	316.8	5.4	3.7	-3.9	510.7	510.7	99.9	99.9	36.8	73.
81.2	153.5	25093.2	25.0	-48.5	-59.9	999.9	99.9	99.9	99.9	645.5	645.5	99.9	99.9	37.7	76.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI

 25 APRIL 1979
 1805 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	FOY T DEG M	E POT T DEG M	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.6	438.9	557.3	17.7	14.8	150.0	5.1	-2.6	4.4	294.5	323.6	11.1	83.6	0.8	8.
5.0	99.9	99.9	1000.8	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	59.9	575.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.2	11.3	503.6	550.0	16.8	14.4	180.9	13.2	0.2	13.2	294.3	322.9	10.9	85.4	0.2	356.
6.9	13.6	731.1	925.0	16.3	12.2	189.2	14.1	2.3	14.0	298.8	321.8	9.7	76.6	0.5	356.
1.6	16.0	944.7	900.0	16.3	10.4	202.6	13.9	5.3	12.0	298.2	322.1	8.8	67.9	1.1	6.
2.6	18.4	1205.0	875.0	16.9	3.5	199.4	11.9	4.0	11.2	301.2	317.1	5.6	60.8	1.8	13.
3.4	20.8	1451.5	850.0	15.9	3.5	196.8	18.5	3.0	10.0	302.8	319.1	5.8	43.4	2.5	13.
4.3	23.3	1704.3	825.0	13.9	2.2	219.4	18.7	5.4	9.2	303.2	318.7	5.5	45.3	2.9	15.
5.2	25.9	1963.0	800.0	12.4	-4.3	226.8	12.2	8.9	8.4	304.4	314.6	3.5	31.1	3.6	19.
6.0	29.3	2222.6	775.0	11.3	-8.7	242.7	11.2	9.9	5.1	305.5	313.6	2.6	23.8	4.1	24.
7.0	30.9	2501.4	750.0	9.5	-1.7	245.1	9.0	8.2	3.8	306.9	320.0	4.5	47.6	4.5	29.
7.9	33.6	2781.5	725.0	6.8	-2.3	242.5	9.0	7.9	4.1	306.5	319.9	4.5	52.4	4.9	32.
8.1	35.2	3062.6	700.0	4.1	-2.4	248.5	8.3	7.8	3.1	307.1	320.4	4.6	62.5	5.3	35.
9.0	39.9	3364.3	675.0	3.4	-9.2	255.1	9.0	6.7	2.3	309.5	318.0	2.8	39.0	5.7	38.
10.9	41.7	3665.3	650.0	0.7	-8.5	265.5	9.4	9.4	0.7	309.8	319.1	3.1	50.1	6.1	42.
12.0	44.5	3922.1	625.0	-2.4	-3.2	267.4	10.1	10.1	0.5	309.6	323.3	4.6	89.8	6.6	46.
13.0	47.4	4106.0	600.0	-5.1	-5.1	264.3	11.4	11.3	1.1	310.2	323.2	4.4	100.3	7.1	49.
14.0	50.3	4635.5	575.0	-7.7	-15.4	262.8	13.3	13.2	1.7	310.9	317.3	2.1	55.6	7.8	52.
15.2	53.3	4964.3	550.0	-9.3	-23.1	264.7	13.1	13.1	1.2	313.1	316.6	1.1	31.5	8.6	55.
16.5	56.4	5342.0	525.0	-12.1	-22.7	266.9	10.3	10.3	0.6	313.9	317.8	1.2	41.2	9.4	59.
17.9	59.4	5713.8	500.0	-14.4	-32.3	254.5	9.3	8.9	2.5	315.4	317.2	0.5	20.1	10.1	60.
19.1	62.8	6100.2	475.0	-17.4	-33.1	249.6	18.6	9.9	3.7	316.4	318.1	0.5	24.0	10.8	61.
20.4	66.0	6502.3	450.0	-20.9	-33.8	253.7	10.7	10.3	3.0	317.0	318.7	0.5	30.0	11.6	61.
21.7	65.4	6922.4	425.0	-24.1	-39.7	254.5	10.1	9.7	2.6	318.1	319.1	0.3	21.9	12.5	63.
23.1	73.0	7362.0	400.0	-26.0	-42.5	238.7	7.8	6.7	4.1	320.1	320.9	0.2	20.9	13.2	63.
24.5	76.6	7824.1	375.0	-30.4	-49.9	235.8	7.1	5.9	4.0	321.2	321.7	0.1	12.8	13.8	62.
26.0	83.3	8311.1	350.0	-34.0	-51.7	246.8	7.6	6.9	3.0	322.5	323.3	0.1	14.6	14.5	62.
27.7	84.3	8924.8	325.0	-38.9	-54.3	234.6	4.6	3.8	2.7	323.1	323.4	0.1	17.5	15.2	63.
29.7	99.3	9369.5	300.0	-43.2	99.9	232.0	2.5	2.0	1.6	324.5	324.5	99.9	99.9	15.4	62.
31.8	92.7	9948.8	275.0	-48.3	99.9	237.8	5.6	5.5	1.2	325.2	325.2	99.9	99.9	15.9	62.
33.9	97.2	10562.7	250.0	-53.7	99.9	250.7	8.4	8.2	-1.5	326.2	326.2	99.9	99.9	16.7	64.
36.1	102.2	11236.0	225.0	-59.5	99.9	281.5	6.4	8.3	-1.7	327.3	327.3	99.9	99.9	17.6	66.
39.1	107.3	11964.2	200.0	-65.2	99.9	251.7	10.5	10.0	3.3	329.2	329.2	99.9	99.9	18.6	67.
40.9	113.0	12779.6	175.0	-62.3	99.9	226.9	9.8	6.6	0.1	347.2	347.2	99.9	99.9	20.4	67.
43.6	119.0	13725.5	150.0	-63.6	99.9	226.8	10.6	8.0	7.0	360.6	360.6	99.9	99.9	21.4	65.
47.0	126.0	14851.1	125.0	-62.1	99.9	266.8	13.1	13.1	0.7	382.6	382.6	99.9	99.9	23.9	67.
51.1	133.7	16244.4	100.0	-59.0	99.9	251.4	5.8	9.3	3.1	412.3	412.3	99.9	99.9	24.4	68.
56.1	142.3	18058.0	75.0	-56.1	99.9	254.7	8.4	8.3	2.3	457.4	457.4	99.9	99.9	25.4	67.
63.3	152.5	20623.1	50.0	-57.3	99.9	317.9	4.7	3.1	-3.5	508.6	508.6	99.9	99.9	30.5	70.
74.7	163.5	25106.8	25.0	-48.8	99.9	266.5	7.9	7.9	0.5	644.5	644.5	99.9	99.9	31.0	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI28 APRIL 1979
1702 GMT

TIME M:Y	CHTCY	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3-0	11-1	430-0	956-7	23-9	14-3	190-0	6-7	1-2	6-6	300-6	330-0	10-8	55-0	0-0	0-0
3-0	92-9	99-0	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-0	99-9	99-0	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-1	11-7	495-0	950-0	23-0	10-0	181-0	7-7	0-1	7-7	300-6	323-2	8-3	44-2	0-2	0-0
0-7	14-1	731-0	925-0	20-8	12-9	178-2	9-0	-0-3	9-0	300-6	328-0	10-2	60-5	0-5	3-0
1-3	16-5	967-0	900-0	16-4	11-7	182-3	11-2	0-4	11-1	300-6	326-7	9-7	64-9	0-0	1-0
2-2	18-0	1208-0	875-0	16-5	9-4	191-4	13-6	2-7	13-3	301-6	324-2	8-5	62-7	1-4	3-0
3-0	21-4	1454-0	850-0	14-9	7-0	204-5	15-9	6-6	14-5	301-6	322-3	7-5	59-3	2-2	0-0
4-0	23-0	1708-1	825-0	15-0	5-3	222-0	15-0	10-8	11-7	305-4	324-7	6-8	49-6	3-0	15-0
4-9	26-4	1966-0	800-0	13-6	2-3	227-7	16-5	12-2	11-1	309-7	323-5	6-3	51-0	3-8	23-0
5-9	29-9	2235-9	775-0	13-0	-7-0	225-2	14-9	10-6	10-5	308-6	317-5	3-0	23-3	4-7	28-0
6-8	31-5	2511-1	750-0	11-4	-2-4	212-4	12-2	6-5	10-3	308-6	321-5	4-3	38-1	5-5	30-0
7-3	34-1	2752-3	725-0	5-2	-0-4	209-6	10-6	5-2	9-2	309-6	325-0	5-3	50-9	6-1	29-0
8-7	36-8	3082-9	700-0	6-4	-0-4	215-9	11-9	7-0	9-7	309-6	325-0	5-3	61-6	6-7	30-0
9-7	37-6	3390-5	675-0	4-3	-0-2	228-2	13-7	8-7	7-8	310-7	329-7	6-2	72-9	7-4	31-0
10-5	42-3	3656-0	653-0	1-5	0-7	233-8	13-0	11-1	6-1	310-7	329-7	6-2	93-8	8-2	31-0
11-9	45-1	4002-0	625-0	-0-7	-6-0	242-9	13-7	12-2	6-3	311-7	323-4	3-9	67-0	9-0	32-0
13-0	48-0	4327-6	600-0	-2-5	-10-5	243-3	15-0	14-5	4-1	313-2	322-0	2-9	54-0	9-8	33-0
14-2	50-9	4663-3	575-0	-5-9	-13-1	251-6	15-9	15-7	2-3	313-1	320-6	2-4	56-6	10-6	42-0
15-4	53-0	5009-9	550-0	-8-0	-16-2	256-5	14-0	14-7	0-9	312-7	319-8	2-0	54-8	11-5	45-0
16-6	57-0	5368-9	525-0	-11-0	-26-9	259-8	14-0	14-0	0-1	315-3	317-9	0-8	25-0	12-3	49-0
17-9	60-3	5743-1	500-0	-12-0	-31-5	277-0	14-1	14-0	-1-7	317-4	319-3	0-5	19-2	13-1	52-0
19-1	63-4	6122-4	475-0	-15-4	-36-4	278-0	13-3	13-1	-2-0	318-5	320-1	0-4	14-6	13-8	54-0
20-5	66-7	6537-7	450-0	-19-1	-37-2	287-0	10-2	10-2	0-5	319-2	320-5	0-3	18-3	14-6	58-0
21-9	70-1	6960-5	425-0	-21-8	-38-0	281-5	9-4	9-2	1-4	321-1	322-3	0-3	21-4	15-3	59-0
23-5	73-7	7403-9	400-0	-25-3	-43-0	263-7	9-9	9-8	1-1	322-1	322-9	0-2	17-2	16-1	61-0
25-1	77-3	7869-0	375-0	-29-1	-42-4	259-0	11-5	11-3	2-0	323-1	323-9	0-2	26-3	17-1	62-0
26-9	81-1	8352-0	350-0	-32-2	-41-0	261-3	12-0	11-9	1-8	324-0	325-1	0-3	45-0	18-3	63-0
28-8	85-0	8974-6	325-0	-37-2	-46-5	263-1	7-7	7-6	0-9	325-4	326-2	0-2	46-2	19-4	64-0
30-7	89-2	9-21-9	300-0	-42-4	59-9	237-8	7-2	6-1	3-9	325-7	326-2	0-2	46-2	19-4	64-0
32-7	93-5	10004-3	275-0	-47-3	99-9	227-8	8-1	6-0	5-4	326-7	326-2	0-2	46-2	19-4	64-0
34-8	94-0	10626-9	250-0	-52-0	99-9	224-1	8-4	5-8	6-0	327-6	326-2	0-2	46-2	19-4	64-0
36-9	102-0	11292-2	225-0	-56-6	59-9	220-1	7-3	4-8	5-7	328-6	326-2	0-2	46-2	19-4	64-0
39-2	108-0	12026-0	200-0	-65-1	99-9	236-9	9-5	7-9	5-2	329-7	326-2	0-2	46-2	19-4	64-0
41-6	113-6	12847-0	175-0	-63-0	99-9	215-6	11-9	6-9	9-7	346-6	326-2	0-2	46-2	19-4	64-0
44-7	119-0	13708-0	150-0	-64-5	99-9	233-8	15-0	12-1	8-9	359-1	326-2	0-2	46-2	19-4	64-0
48-1	125-4	14921-3	125-0	-68-4	99-9	248-9	11-5	10-8	4-1	385-7	326-2	0-2	46-2	19-4	64-0
52-7	134-3	16321-4	100-0	-56-5	99-9	269-0	10-0	10-0	0-2	412-8	326-2	0-2	46-2	19-4	64-0
58-6	143-0	18144-2	76-0	-56-1	99-9	290-3	4-8	4-5	-1-7	455-3	326-2	0-2	46-2	19-4	64-0
65-4	153-0	20707-7	50-0	-56-4	99-9	295-4	3-2	2-9	-1-4	510-3	326-2	0-2	46-2	19-4	64-0
76-6	166-0	23157-5	25-0	-69-4	99-9	322-2	0-8	0-4	2-7	642-7	326-2	0-2	46-2	19-4	64-0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI

 25 APRIL 1979
 2003 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GPH	RM PCT	RANGE KM	AZ DEG
5.0	11.1	432.0	554.3	27.3	13.3	198.0	7.2	1.3	7.1	304.5	332.3	10.1	42.0	0.0	0.
5.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	55.3	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	11.5	472.0	650.0	27.0	13.2	177.4	10.2	-6.5	10.2	304.6	332.3	10.1	42.0	0.2	13.
1.0	13.9	712.0	925.0	22.0	10.7	172.2	13.8	-1.9	13.7	303.6	328.0	8.0	43.2	0.7	7.
1.0	15.2	951.4	900.0	21.4	10.3	185.1	12.7	1.1	12.7	303.6	327.9	8.0	49.1	1.5	4.
3.0	18.5	1195.1	675.0	15.5	10.2	192.0	12.5	2.6	12.2	304.0	328.7	9.0	54.0	2.3	6.
4.0	21.0	1443.6	50.0	17.0	8.9	195.2	12.4	3.3	12.0	303.5	327.4	8.5	59.1	3.1	8.
4.0	23.4	1657.7	825.0	14.8	7.9	209.0	12.9	6.3	11.3	304.2	326.0	8.2	63.4	3.7	10.
5.0	25.9	1957.3	600.0	12.7	4.8	223.3	16.4	11.2	11.9	304.7	323.8	6.0	58.6	4.5	15.
7.2	29.4	2224.4	750.0	12.0	1.4	229.1	20.2	15.3	13.2	307.4	323.4	5.5	45.7	5.7	23.
1.1	30.9	2492.8	750.0	10.5	2.4	234.7	15.7	16.1	11.4	308.0	325.4	6.1	57.0	6.8	27.
1.1	33.6	2780.5	725.0	8.6	-0.2	241.6	16.3	16.1	8.7	308.9	324.1	5.2	54.1	7.7	32.
12.0	36.3	3065.9	700.0	6.7	-8.2	243.7	17.2	15.4	7.6	309.9	318.8	3.0	33.7	8.6	35.
13.4	39.8	3367.5	675.0	4.9	-10.5	247.2	16.3	15.0	6.3	311.1	318.9	2.5	31.7	9.3	38.
14.0	41.6	3674.4	650.0	3.0	-11.4	248.0	15.7	14.6	5.9	312.4	319.9	2.6	33.6	10.2	40.
17.1	46.4	3950.4	625.0	0.3	-13.1	250.9	13.7	12.9	4.5	312.2	319.7	2.2	35.6	11.2	43.
14.5	47.2	4316.1	600.0	-2.5	-14.4	252.2	13.5	12.9	4.1	313.3	319.8	2.1	39.4	12.1	46.
15.8	50.1	4651.9	575.0	-5.3	-16.7	251.6	14.1	13.4	4.5	313.6	319.5	1.6	40.3	13.2	48.
17.1	53.0	4982.9	550.0	-8.1	-18.7	252.1	14.5	13.0	4.5	314.4	319.4	1.6	42.3	14.2	50.
14.5	56.0	5352.6	525.0	-10.7	-21.4	256.1	16.2	15.7	3.9	315.2	319.8	1.3	41.1	15.3	51.
14.8	59.2	5732.2	500.0	-13.5	-23.6	267.0	17.7	17.7	0.9	316.6	320.3	1.1	42.0	16.5	54.
21.1	62.3	6120.8	475.0	-16.1	-24.3	275.2	17.0	17.7	-1.6	318.1	321.8	1.1	49.0	17.7	57.
27.8	65.6	6525.6	450.0	-15.1	-28.3	275.7	16.8	16.7	-1.7	319.2	322.0	0.8	43.7	19.0	60.
27.4	69.0	6942.4	425.0	-22.3	-30.1	276.9	14.8	14.7	-1.8	320.4	322.9	0.7	49.0	20.3	63.
27.0	72.4	7391.5	400.0	-25.4	-34.1	278.9	12.8	12.6	-2.0	322.0	323.7	0.5	40.9	21.3	65.
27.6	75.0	7853.7	375.0	-29.6	-39.3	266.8	11.0	11.0	0.6	322.4	323.6	0.3	39.1	22.4	66.
31.5	83.6	8860.8	325.0	-37.6	-46.6	252.7	10.9	10.4	3.2	323.5	324.0	0.2	35.4	23.6	67.
31.8	87.7	9407.2	300.0	-42.3	-59.9	235.3	9.1	7.5	5.2	324.5	325.5	0.2	37.7	24.7	67.
31.5	92.0	9568.8	275.0	-47.2	-69.9	224.7	11.9	6.4	8.5	325.6	326.9	99.9	99.9	26.0	66.
31.1	95.4	10612.2	250.0	-52.5	-79.9	222.3	15.4	9.0	9.9	326.6	327.9	99.9	99.9	27.9	64.
41.6	101.2	11284.3	225.0	-58.3	-99.9	231.0	12.4	5.0	7.7	328.1	329.9	99.9	99.9	29.9	63.
43.9	106.2	12015.4	200.0	-63.7	-99.9	233.8	10.1	6.1	6.0	329.2	329.9	99.9	99.9	31.4	62.
47.8	111.9	12840.9	175.0	-63.1	-99.9	259.4	13.7	13.5	2.5	331.4	329.9	99.9	99.9	33.2	63.
50.1	117.8	13788.0	150.0	-62.2	-99.9	236.5	12.0	10.7	7.1	335.6	329.9	99.9	99.9	35.2	63.
51.6	124.5	14929.6	125.0	-60.4	-99.9	250.3	16.2	15.2	5.4	352.5	329.9	99.9	99.9	38.1	63.
57.6	132.3	16332.7	100.0	-60.5	-99.9	252.6	9.8	9.6	1.9	385.6	329.9	99.9	99.9	40.9	64.
60.3	141.0	18132.9	75.0	-56.4	-99.9	274.9	6.7	6.7	-0.7	410.6	329.9	99.9	99.9	43.4	65.
71.9	151.5	20720.0	50.0	-55.5	-99.9	282.1	5.8	5.7	-1.2	454.6	329.9	99.9	99.9	45.2	67.
83.7	163.5	25217.5	25.0	-49.3	-99.9	203.7	3.6	1.5	3.3	512.7	329.9	99.9	99.9	46.6	67.
						99.9	99.9	99.9	99.9	643.0	329.9	99.9	99.9	49.4	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI28 APRIL 1979
2305 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MX RTG CM/KG	RH PCT	157	10. 0	0
3.0	10.0	430.0	953.3	26.1	15.2	180.0	4.6	0.0	4.6	303.4	334.0	11.5	51.0			
95.0	90.0	59.0	1000.0	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	90.0	90.0	575.0	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.1	11.1	462.6	950.0	25.3	15.1	189.5	12.0	2.0	12.1	303.5	334.1	11.5	53.2	0.3	5.0	5.0
0.8	13.5	703.2	925.0	24.4	13.7	190.0	11.0	2.0	10.9	304.2	333.7	10.8	51.6	0.5	7.0	7.0
1.7	14.0	942.3	900.0	21.9	12.6	196.4	10.6	3.0	10.1	304.2	332.2	10.3	55.7	1.0	10.0	10.0
2.6	14.4	1126.6	875.0	19.6	11.5	202.5	10.7	4.1	9.9	304.1	331.1	9.8	59.6	1.6	13.0	13.0
3.3	20.8	1435.4	850.0	17.2	10.8	208.1	10.8	5.1	9.5	304.2	330.7	9.7	64.2	2.1	16.0	16.0
4.1	23.3	1689.7	825.0	15.0	11.1	212.6	10.6	5.7	8.9	304.4	332.3	10.1	77.0	2.6	19.0	19.0
5.1	25.0	1949.6	800.0	12.5	10.8	221.9	10.9	7.3	8.1	304.5	332.7	10.3	89.4	3.2	22.0	22.0
6.0	29.4	2216.2	775.0	10.6	9.1	237.2	12.0	10.1	6.5	305.4	331.4	9.4	105.2	3.7	27.0	27.0
6.9	31.0	2466.1	750.0	8.4	6.8	242.2	13.3	11.8	6.2	305.7	328.7	8.3	89.6	4.3	32.0	32.0
7.9	31.7	2769.2	725.0	7.0	5.1	247.4	14.1	13.0	5.4	307.1	328.7	7.6	87.9	5.0	37.0	37.0
8.9	34.3	3050.1	700.0	7.0	-8.7	249.9	14.4	13.5	5.0	310.2	318.0	2.9	31.9	5.8	41.0	41.0
9.0	39.1	3354.1	675.0	5.2	-13.2	252.5	15.3	14.6	4.6	317.8	317.8	2.0	25.0	6.6	45.0	45.0
10.9	41.9	3663.1	650.0	2.0	-14.5	252.0	16.4	15.6	5.1	312.4	318.3	1.9	26.2	7.4	49.0	49.0
11.9	46.7	3975.2	625.0	0.4	-14.7	253.8	15.2	14.6	4.2	312.9	315.1	1.9	31.1	8.3	51.0	51.0
13.0	47.6	4305.2	600.0	-2.0	-14.2	256.9	14.8	14.4	3.4	313.6	320.5	2.1	38.6	9.2	56.0	56.0
14.2	50.4	4642.6	575.0	-4.0	-18.7	269.7	14.2	14.0	2.3	315.4	320.2	1.5	30.5	10.2	56.0	56.0
15.3	53.5	4991.4	550.0	-7.0	-20.9	263.5	13.9	13.0	1.6	315.6	320.1	1.3	31.9	11.0	58.0	58.0
16.4	56.5	5352.3	525.0	-10.1	-23.1	266.2	15.2	15.1	1.0	316.3	320.0	1.1	33.5	11.9	60.0	60.0
17.7	59.7	5726.0	500.0	-13.4	-23.6	269.7	15.3	15.3	0.1	316.7	320.4	1.1	41.7	12.9	63.0	63.0
18.0	62.9	6114.3	475.0	-16.3	-25.7	269.9	14.7	14.7	0.0	317.6	321.0	1.0	44.1	14.0	65.0	65.0
20.3	66.1	6518.9	450.0	-18.8	-41.6	270.2	11.0	11.9	-0.0	319.6	320.4	0.2	11.6	14.9	67.0	67.0
21.6	69.3	6943.6	425.0	-20.7	-48.9	278.9	10.4	10.3	-1.6	322.4	322.8	0.1	6.1	15.7	68.0	68.0
23.1	73.1	7322.4	400.0	-24.4	-59.4	286.6	14.1	13.5	-4.0	323.3	323.4	0.0	2.7	16.6	70.0	70.0
24.7	75.7	7655.5	375.0	-28.1	-60.7	293.2	16.5	15.2	-6.5	324.2	324.6	0.0	2.7	17.7	73.0	73.0
25.3	80.4	8344.1	350.0	-32.8	-60.6	297.4	18.0	16.7	-8.7	324.8	324.6	0.0	4.5	19.0	77.0	77.0
26.1	84.3	8863.2	325.0	-37.0	-60.4	300.9	18.6	16.0	-9.6	325.7	325.6	0.0	6.7	20.5	81.0	81.0
28.9	89.4	9411.0	300.0	-41.8	-70.9	289.2	13.6	12.9	-4.5	326.4	999.9	99.9	9.9	22.7	84.0	84.0
31.9	92.7	9993.9	275.0	-46.8	-99.9	267.4	12.6	12.6	0.6	327.4	999.9	99.9	9.9	23.3	84.0	84.0
34.0	97.2	10616.2	250.0	-52.1	-99.5	271.0	15.9	15.5	-0.3	329.6	999.9	99.9	9.9	25.1	85.0	85.0
36.7	102.0	11292.6	225.0	-56.7	-99.9	296.0	14.2	12.8	-6.2	331.7	999.9	99.9	99.9	27.4	86.0	86.0
39.8	107.0	12033.2	200.0	-61.2	-99.9	308.7	16.0	13.1	-10.5	335.6	999.9	99.9	99.9	28.9	88.0	88.0
41.0	112.0	12852.9	175.0	-64.9	-99.9	286.8	14.0	13.4	-4.0	342.4	999.9	99.9	99.9	30.7	91.0	91.0
44.1	119.0	13795.0	150.0	-63.1	-99.7	255.4	13.5	13.1	3.4	341.4	999.9	99.9	99.9	33.8	90.0	90.0
47.8	125.3	14937.2	125.0	-59.1	-99.0	260.7	10.7	10.4	1.7	347.9	999.9	99.9	99.9	35.5	99.0	99.0
52.4	133.8	16338.9	100.0	-55.2	-99.9	293.6	9.1	8.3	-3.6	413.3	999.9	99.9	99.9	39.1	90.0	90.0
57.6	141.5	18135.5	75.0	-56.7	-99.9	283.4	4.7	4.6	-1.1	454.1	999.9	99.9	99.9	39.7	91.0	91.0
65.1	151.3	20767.6	50.0	-55.6	-99.9	298.5	4.3	3.8	-2.1	512.2	999.9	99.9	99.9	41.5	91.0	91.0
76.4	161.5	25182.6	25.0	-47.7	-99.9	309.3	6.7	5.2	-4.3	647.7	999.9	99.9	99.9	43.7	92.0	92.0

0.9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0.0Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0.0Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI26 APRIL 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	WIND GMS/KG	RM PCY	RANGE KM	AZ DG
0.0	10.5	432.0	556.0	11.0	13.9	340.0	0.7	2.3	-0.3	208.7	210.9	0.6	94.0	0.0	0.
5.0	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
5.0	59.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.0	490.8	950.0	11.6	10.8	348.0	12.8	2.7	-12.6	269.8	311.2	0.6	94.7	0.3	103.
1.0	13.4	712.7	925.0	9.9	9.7	349.0	12.9	2.5	-12.6	249.2	310.9	0.2	98.2	0.7	107.
1.7	15.8	943.1	900.0	12.3	12.1	330.1	7.6	3.0	-6.6	294.2	320.3	9.9	98.6	1.3	102.
2.7	14.3	1180.9	875.0	14.7	14.1	236.5	4.0	3.3	2.2	299.1	330.1	11.6	95.9	1.4	102.
3.5	20.8	1427.4	850.0	14.8	12.8	201.0	6.5	2.3	0.1	301.7	331.5	11.0	87.8	1.2	153.
4.4	23.2	1480.1	825.0	12.8	11.9	200.4	8.6	3.0	0.1	302.1	331.1	10.7	94.1	1.0	137.
5.1	25.7	1436.8	800.0	11.1	10.4	209.7	5.6	4.8	6.4	303.0	330.7	10.1	94.7	0.9	110.
5.9	24.3	1204.2	775.0	9.9	9.5	220.9	10.2	6.7	7.7	304.2	331.2	9.7	97.4	1.1	97.
6.7	32.7	2772.1	750.0	8.9	8.4	228.7	11.4	8.7	7.4	306.2	332.1	9.3	97.2	1.5	74.
7.4	33.8	2757.9	725.0	7.4	7.0	236.9	12.7	10.7	7.0	307.6	332.0	8.7	97.0	2.0	69.
8.2	36.2	3046.6	700.0	5.1	4.7	242.6	14.0	12.4	6.4	308.2	329.9	7.7	97.0	2.0	67.
10.2	19.0	3342.3	675.0	2.2	1.5	249.1	15.1	14.0	5.6	308.1	326.2	6.4	95.4	3.5	66.
10.4	41.4	3446.9	650.0	0.5	-0.1	253.3	15.1	14.5	4.3	309.2	326.4	5.9	95.9	4.6	67.
1.7	44.6	3961.3	625.0	-1.1	-3.3	258.2	14.9	14.4	4.1	311.3	325.4	4.6	84.4	5.0	69.
1.3	47.5	4266.3	600.0	-3.2	-7.5	256.7	14.7	14.3	3.4	312.4	323.3	3.6	71.9	7.1	70.
1.3	50.4	4622.5	575.0	-4.0	-12.1	261.0	15.7	15.6	2.5	314.4	322.6	2.7	56.6	8.1	71.
1.3	53.4	4971.0	550.0	-7.2	-12.9	262.6	18.7	18.6	2.4	315.6	323.6	2.6	63.5	9.1	72.
1.2	56.5	5322.2	525.0	-6.7	-22.9	264.9	18.4	18.3	1.6	316.7	320.5	1.2	33.8	10.1	73.
1.3	59.7	5706.7	500.0	-12.6	-25.5	267.5	17.9	17.9	0.8	317.6	320.7	0.9	31.8	11.3	75.
1.5	62.9	6055.9	475.0	-15.5	-29.8	268.3	15.9	16.9	0.5	318.6	318.9	0.0	1.0	2.4	76.
1.9	65.3	6501.5	450.0	-18.6	-31.7	268.8	15.8	15.4	3.6	319.5	320.0	0.6	1.0	13.8	77.
2.7	65.7	6825.3	425.0	-21.9	-39.4	269.2	16.5	16.2	3.1	321.0	322.7	0.5	33.4	15.4	77.
2.9	75.4	7169.6	400.0	-24.4	-31.2	271.5	18.5	18.5	-0.5	323.4	325.8	0.7	52.8	16.8	77.
2.2	76.9	7836.1	375.0	-26.3	-35.0	281.4	17.7	17.4	-1.5	324.2	326.0	0.5	52.3	18.0	79.
2.3	80.7	8328.1	350.0	-31.6	-53.1	284.1	16.8	16.3	-1.1	325.2	326.5	0.1	10.3	19.1	80.
4.5	84.7	8847.1	325.0	-36.7	-57.0	277.2	13.0	12.9	-1.6	326.1	326.3	0.0	10.1	20.2	81.
2.0	88.9	9355.9	300.0	-41.7	-59.9	283.7	8.7	8.4	-2.1	326.8	326.9	99.9	99.9	21.1	82.
2.4	93.2	9688.4	275.0	-46.5	-59.9	314.0	8.9	6.4	-6.2	328.0	328.0	99.9	99.9	21.6	83.
3.3	97.7	10005.4	250.0	-52.4	-59.9	311.6	9.4	7.0	-7.5	329.7	329.7	99.9	99.9	22.1	85.
3.4	102.4	11270.5	225.0	-57.9	-59.9	318.8	10.0	6.6	-7.5	329.7	329.7	99.9	99.9	22.7	87.
3.4	107.6	12008.7	200.0	-64.3	-59.9	306.5	14.4	11.6	-8.6	331.0	329.9	99.9	99.9	24.9	91.
4.2	113.2	12916.9	175.0	-67.8	-59.9	282.7	16.4	14.4	-3.7	338.1	329.9	99.9	99.9	27.3	95.
4.2	119.3	13751.0	150.0	-64.9	-59.9	255.7	15.1	14.6	-3.7	358.4	329.9	99.9	99.9	29.7	94.
4.7	125.0	14080.5	125.0	-62.1	-59.9	274.9	8.8	8.8	-0.8	382.5	329.9	99.9	99.9	31.7	94.
5.7	133.7	16261.3	100.0	-59.4	-59.9	280.9	0.2	0.0	-1.5	412.5	329.9	99.9	99.9	34.1	95.
5.7	142.7	16261.3	75.0	-59.3	-59.9	279.2	6.7	6.6	-1.1	448.6	329.9	99.9	99.9	36.5	94.
6.1	153.0	20615.8	50.0	-51.3	-59.9	343.2	1.1	1.1	-3.4	508.5	329.9	99.9	99.9	34.2	97.
6.9	59.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CA TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL
OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI

 26 APRIL 1979
 503 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	0.3	438.0	959.4	8.9	7.8	350.0	8.2	1.4	-8.1	285.4	303.4	7.0	93.0	0.0	0.
9.0	99.9	1000.0	959.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.0	99.9	59.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	11.2	515.8	950.0	8.9	6.1	352.8	14.8	1.9	-14.7	286.2	304.8	7.2	94.7	0.3	179.
1.3	13.5	740.2	925.0	7.1	6.5	355.9	14.0	1.0	-13.9	288.5	303.7	6.6	96.5	0.9	175.
2.3	15.8	965.3	900.0	5.9	5.3	357.1	14.5	-0.3	-14.5	287.6	303.9	6.2	96.3	1.8	177.
3.2	18.3	1157.9	875.0	11.1	10.6	358.4	15.0	1.5	-14.9	295.3	319.8	9.2	96.7	2.6	179.
4.1	20.6	1440.8	850.0	11.5	10.4	360.0	11.5	3.9	-10.8	298.3	323.5	9.4	92.9	3.3	176.
5.0	23.1	1691.0	825.0	11.0	10.1	361.0	11.6	5.6	-10.1	300.2	325.9	9.5	94.6	3.9	173.
5.8	25.5	1947.8	800.0	5.5	6.8	362.7	11.1	7.5	-8.2	301.3	325.6	9.0	95.6	4.4	169.
6.9	29.1	2211.6	775.0	8.3	7.6	365.6	10.2	9.6	-3.4	302.7	326.1	8.5	95.8	4.8	164.
7.9	32.6	2482.6	750.0	4.8	6.1	369.1	11.0	10.8	-1.7	304.6	326.0	8.0	95.5	5.2	157.
9.0	33.1	2761.0	725.0	5.2	4.5	373.1	11.5	11.5	-0.6	305.2	325.7	7.3	95.3	5.6	151.
10.2	35.8	3047.6	700.0	4.1	1.0	365.8	12.5	12.5	0.9	307.1	323.9	5.9	79.6	6.0	144.
11.2	38.5	3342.5	675.0	1.4	-1.0	365.3	13.1	13.0	1.1	307.2	322.4	5.3	84.3	6.5	138.
12.4	41.2	3645.3	650.0	-1.1	-2.6	363.6	13.2	13.1	1.5	307.7	321.8	4.9	89.5	7.0	132.
13.5	44.0	3957.1	625.0	-3.6	-4.9	365.8	15.2	15.1	1.1	308.3	320.8	4.3	90.7	7.7	127.
14.4	46.9	4278.1	600.0	-5.3	-14.7	371.6	17.1	17.1	-0.5	310.8	316.4	2.1	47.8	8.5	123.
15.6	49.8	4612.4	575.0	-7.2	-20.8	376.0	18.1	18.0	-1.9	311.6	315.7	1.3	32.7	9.6	119.
16.9	52.7	4956.0	550.0	-9.7	-31.5	373.5	17.4	17.4	-1.0	313.6	315.4	0.5	13.7	10.7	117.
18.1	55.8	5316.4	525.0	-11.4	-30.4	370.6	17.3	17.3	-0.2	314.7	316.6	0.6	19.0	12.0	114.
19.4	58.9	5688.1	500.0	-14.9	-25.4	367.4	18.4	18.4	0.8	314.9	318.1	1.0	39.9	13.2	111.
20.6	62.1	6073.9	475.0	-17.9	-23.9	364.2	21.3	21.2	2.2	315.2	319.7	1.2	68.0	14.5	109.
21.9	65.4	6477.3	450.0	-19.4	-29.1	359.5	26.2	25.7	4.7	318.2	319.4	0.2	9.1	16.2	106.
23.3	68.9	6959.8	425.0	-23.2	-39.5	359.9	25.9	25.0	0.8	320.6	320.7	0.0	1.9	18.2	102.
24.7	72.3	7392.8	400.0	-25.1	-37.8	359.5	24.3	23.9	4.4	322.4	324.3	0.5	43.8	20.2	100.
26.5	75.9	7908.1	375.0	-29.0	-37.8	359.9	21.0	20.6	4.0	323.2	324.6	0.4	41.9	22.4	98.
28.5	79.7	8297.1	350.0	-33.6	-38.7	355.9	20.0	19.4	4.9	323.8	324.3	0.2	36.9	24.6	96.
30.2	83.6	8615.1	325.0	-37.6	-38.7	352.5	17.7	16.9	5.3	324.5	325.1	0.0	8.9	26.5	94.
32.0	87.7	8959.0	300.0	-42.9	-39.9	354.6	16.7	16.1	4.5	324.5	325.1	0.0	999.9	28.2	93.
33.8	91.8	9340.0	275.0	-47.7	-39.9	358.8	15.0	12.9	7.8	326.2	326.2	99.9	999.9	29.8	92.
35.8	96.4	10563.9	250.0	-52.3	-39.9	359.9	17.0	9.7	13.9	328.4	328.4	99.9	999.9	31.1	89.
38.1	101.2	11237.0	225.0	-57.3	-39.9	359.9	18.5	10.8	15.1	330.7	330.7	99.9	999.9	32.2	85.
40.2	106.3	11974.7	200.0	-61.9	-39.9	360.2	22.1	21.8	3.8	334.4	334.4	99.9	999.9	34.5	83.
42.6	111.8	12791.2	175.0	-66.3	-39.9	360.2	23.5	23.3	-3.5	340.2	340.2	99.9	999.9	37.8	85.
45.3	117.8	13729.0	150.0	-68.3	-39.9	360.2	22.1	22.0	2.2	366.2	366.2	99.9	999.9	41.4	85.
49.0	124.5	14654.9	125.0	-58.3	-39.9	360.8	9.5	9.3	1.5	389.4	389.4	99.9	999.9	44.6	85.
53.1	132.0	16285.1	100.0	-57.6	-39.9	377.7	9.8	9.7	-1.3	416.5	416.5	99.9	999.9	46.9	85.
59.0	140.3	18092.4	75.0	-59.1	-39.9	385.6	6.2	6.0	-1.7	449.1	449.1	99.9	999.9	49.1	86.
64.7	149.7	20533.5	50.0	-57.0	-39.9	325.7	4.0	3.9	2.0	509.2	509.2	99.9	999.9	50.0	87.
75.8	180.0	25111.0	25.0	-51.6	-39.9	999.9	99.9	99.9	99.9	636.3	636.3	99.9	999.9	50.3	88.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI

 26 APRIL 1979
 800 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.5	438.0	960.4	7.3	5.8	340.0	7.2	2.5	-6.8	283.7	299.3	6.0	90.0	0.0	0.
9.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.3	11.4	527.8	550.0	7.0	6.0	341.7	11.2	3.5	-10.6	284.2	300.3	6.2	93.4	0.3	151.
5.9	13.7	746.7	925.0	5.1	5.0	342.5	11.6	3.5	-11.0	284.6	299.7	5.9	99.1	0.5	156.
1.6	15.1	976.2	900.0	3.7	3.5	349.9	12.3	2.2	-12.1	285.3	299.7	5.5	98.8	1.1	160.
2.5	18.4	1155.0	875.0	3.4	2.1	353.6	14.6	1.6	-14.5	287.3	300.8	5.1	91.8	1.7	166.
2.3	20.8	1435.5	850.0	0.3	-23.7	348.0	14.6	3.0	-14.3	294.8	297.8	1.0	15.5	2.5	168.
4.3	23.3	1682.1	825.0	8.6	-16.4	338.4	13.7	5.1	-12.8	297.7	301.6	1.3	15.2	3.3	167.
5.2	25.7	1936.1	800.0	7.9	-15.1	327.6	15.0	8.0	-12.7	299.6	304.0	1.5	17.8	4.0	164.
6.1	28.2	2156.9	775.0	7.2	-45.5	315.2	12.0	8.5	-8.5	301.6	301.9	0.1	1.0	4.7	161.
7.0	30.9	2466.2	750.0	6.6	-39.2	312.3	11.7	8.6	-7.9	303.8	304.4	0.2	2.1	5.3	157.
8.1	33.4	2742.7	725.0	3.8	-26.8	305.5	11.6	9.4	-6.7	303.6	305.7	0.7	9.8	5.9	154.
9.2	36.0	3026.3	700.0	1.4	-4.7	298.3	12.7	11.2	-6.0	304.1	315.3	3.9	63.6	6.6	150.
10.2	38.7	3318.6	675.0	0.2	-24.1	293.8	16.7	15.2	-6.7	305.6	308.4	0.8	14.1	7.3	147.
11.0	41.4	3619.6	650.0	-2.0	-24.2	286.4	19.1	18.4	-5.4	306.6	309.4	0.6	16.5	8.1	143.
12.0	44.2	3930.7	625.0	-3.4	-15.4	276.4	19.7	19.5	-2.2	308.5	314.2	1.8	35.9	8.9	138.
13.9	47.0	4252.4	600.0	-5.0	-14.5	274.9	22.1	22.0	-1.9	310.4	316.7	2.1	46.9	9.9	133.
15.1	49.9	4585.2	575.0	-7.7	-16.1	268.9	22.9	22.9	0.4	310.6	316.8	1.9	51.0	11.2	128.
16.5	52.9	4939.0	550.0	-9.4	-21.4	262.2	23.8	23.6	3.2	313.8	317.0	1.3	36.8	12.6	122.
17.8	55.9	5268.2	525.0	-12.0	-24.0	258.0	24.8	24.3	5.2	314.0	317.4	1.0	36.0	14.1	117.
18.7	59.0	5659.4	500.0	-14.8	-25.5	255.5	25.3	24.5	6.4	315.0	318.2	1.0	39.6	15.8	112.
20.2	62.1	6047.0	475.0	-16.1	-28.4	256.7	24.4	23.7	5.6	318.0	320.6	0.8	33.6	17.6	107.
21.0	65.4	6451.9	450.0	-15.3	-34.4	258.8	23.2	22.8	4.5	319.0	320.5	0.5	24.8	19.2	105.
22.3	68.9	6874.4	425.0	-22.9	-40.0	257.5	21.5	21.0	4.6	319.7	320.7	0.3	19.1	20.9	103.
23.7	72.3	7316.5	400.0	-26.1	-47.4	250.9	20.2	19.1	6.6	321.1	321.6	0.1	11.3	22.4	101.
25.3	75.9	7780.0	375.0	-29.5	-48.2	242.3	18.7	16.6	6.7	322.2	323.0	0.1	14.2	24.0	98.
27.1	79.7	8267.5	350.0	-34.5	-53.7	244.6	18.3	16.5	7.8	322.2	323.5	0.1	12.1	25.6	95.
28.8	83.5	8780.5	325.0	-39.2	-55.2	231.4	20.1	19.1	6.4	322.7	323.9	0.1	16.3	27.4	93.
30.8	87.6	9323.1	300.0	-44.1	-59.9	262.7	21.4	21.3	2.7	323.2	325.9	99.9	99.9	29.6	92.
32.7	91.9	9999.7	275.0	-49.0	99.9	276.2	28.6	28.4	-3.1	324.3	325.9	99.9	99.9	35.9	92.
34.7	96.4	10515.5	250.0	-53.4	99.9	271.0	28.2	28.2	-0.5	326.7	326.9	99.9	99.9	39.8	92.
36.9	101.2	11191.0	225.0	-57.0	99.9	268.8	32.9	32.9	0.7	331.2	329.9	99.9	99.9	45.1	92.
39.5	105.3	11933.5	200.0	-58.7	99.9	277.4	28.4	28.1	-3.7	338.2	329.9	99.9	99.9	48.0	92.
42.0	111.9	12762.2	175.0	-62.1	99.9	239.1	18.6	18.0	9.6	347.4	329.9	99.9	99.9	51.4	89.
45.1	119.0	13714.3	150.0	-62.6	99.9	255.8	25.5	24.7	6.3	362.3	329.9	99.9	99.9	54.5	89.
48.7	124.7	14858.6	125.0	-55.3	99.9	293.1	17.8	17.4	-4.0	394.8	329.9	99.9	99.9	59.6	90.
53.0	132.0	16261.8	100.0	-56.9	99.9	297.0	9.8	8.7	-4.5	417.6	329.9	99.9	99.9	61.2	91.
59.7	150.7	18070.4	75.0	-58.3	99.9	308.3	4.2	3.8	-3.0	450.8	329.9	99.9	99.9	62.2	92.
66.2	152.5	20425.7	50.0	-56.5	99.9	331.2	3.5	2.2	-2.7	505.6	329.9	99.9	99.9	63.7	93.
75.3	161.3	25075.6	25.0	-50.9	99.9	599.9	99.9	99.9	99.9	638.6	329.9	99.9	99.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI26 APRIL 1979
1105 GMT

TIME MIN	CTCT	EIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	EX RTD CM/SEC	RM PCT	RANGE KM	AZ DG
6.0	10.1	438.0	961.7	5.3	2.1	355.0	7.7	0.7	-7.7	281.7	4.7	80.0	0.0	0.
9.9	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.1	529.5	553.0	4.7	1.8	350.3	11.8	0.4	-11.8	282.0	4.6	81.2	0.3	100.
1.1	13.4	766.6	925.0	3.1	2.0	354.1	13.1	0.9	-13.0	282.5	4.8	92.5	0.7	176.
1.9	15.7	566.4	900.0	2.5	-2.8	0.5	13.8	-0.1	-13.8	284.1	3.5	67.9	1.4	177.
2.7	18.1	1157.8	875.0	6.7	-28.2	1.8	14.1	-0.4	-14.1	290.7	0.4	6.1	2.0	180.
3.5	23.5	1435.9	850.0	7.4	-27.8	352.2	15.1	2.0	-14.9	294.8	0.5	6.0	2.7	179.
4.4	25.9	1691.1	825.0	6.9	-28.1	342.5	14.0	4.2	-13.3	295.8	0.5	6.0	3.5	177.
5.2	25.4	1237.5	800.0	6.1	-28.6	332.6	14.1	6.5	-12.5	297.4	0.4	6.1	4.1	173.
6.1	27.8	2192.4	775.0	4.8	-29.3	320.7	13.2	8.4	-10.2	298.5	0.4	6.3	4.8	169.
7.0	30.4	2459.1	750.0	3.8	-35.9	308.0	15.6	12.3	-9.6	300.7	0.2	3.5	5.4	165.
7.9	32.9	2733.4	725.0	2.2	-35.4	294.4	16.7	15.2	-6.9	301.5	0.7	11.2	6.1	159.
8.9	35.6	3016.1	700.0	0.7	-12.5	285.2	16.8	16.2	-4.4	303.2	2.1	36.7	6.8	152.
10.0	38.2	3307.5	675.0	-0.2	-23.7	283.7	17.9	17.4	-4.3	305.2	0.8	14.8	7.5	146.
11.0	40.9	3606.6	650.0	-2.1	-12.2	282.3	20.8	19.5	-4.3	306.6	1.1	21.6	9.4	141.
12.0	43.7	3918.5	625.0	-5.2	-17.1	279.4	21.5	21.2	-3.5	306.6	1.6	38.7	9.4	136.
13.0	46.5	4232.1	600.0	-7.6	-9.1	274.6	23.5	23.8	-1.9	307.4	3.2	88.7	10.6	13.
14.1	49.3	4568.7	575.0	-5.1	-9.9	268.5	26.9	26.9	0.2	309.4	3.1	93.6	11.9	128.
15.3	52.3	4911.8	550.0	-10.9	-12.7	268.3	30.3	30.3	0.9	311.1	2.6	87.1	13.5	121.
16.4	55.2	5267.9	525.0	-13.2	-15.9	265.3	31.0	30.9	2.5	312.5	2.1	80.3	15.3	117.
17.7	58.3	5638.1	500.0	-16.1	-17.9	260.9	30.6	29.6	4.8	311.2	1.9	85.5	17.4	112.
19.2	61.5	6323.1	475.0	-18.3	-22.9	260.0	29.4	29.0	5.1	315.3	1.3	68.8	19.6	108.
20.5	64.7	6425.5	450.0	-20.7	-31.5	261.6	31.0	30.7	4.5	317.2	0.6	37.1	21.9	105.
21.8	68.0	6645.9	425.0	-23.9	-36.3	255.1	24.7	27.7	7.4	318.4	0.4	30.5	23.9	103.
23.4	71.6	7285.1	400.0	-28.0	-38.0	251.9	27.2	25.8	8.5	318.6	0.4	37.8	26.2	100.
24.9	75.1	7744.5	375.0	-32.3	-39.2	252.5	27.4	26.2	8.2	318.5	0.3	49.9	28.3	98.
26.5	78.8	8226.7	350.0	-36.5	-51.9	257.9	26.9	26.3	5.6	319.2	0.1	19.3	30.8	96.
29.2	82.7	8736.1	325.0	-40.7	-59.9	266.0	31.1	31.0	2.2	320.6	99.9	99.9	33.6	95.
30.1	84.7	9277.1	300.0	-44.3	99.9	271.8	32.3	32.3	-1.8	323.0	99.9	99.9	37.3	94.
32.1	91.0	9855.1	275.0	-47.9	99.9	269.3	28.0	28.0	0.3	325.5	99.9	99.9	40.9	94.
34.2	93.4	10476.5	250.0	-52.0	99.9	267.4	29.2	29.2	1.3	328.7	99.9	99.9	44.4	93.
36.3	103.2	11133.5	225.0	-56.6	99.9	273.9	34.3	34.3	-2.4	331.6	99.9	99.9	48.4	93.
39.7	105.3	11895.8	200.0	-56.4	99.9	274.4	28.7	28.6	-2.2	338.7	99.9	99.9	53.2	93.
41.2	110.8	12723.9	175.0	-60.8	99.9	263.3	25.1	24.9	-2.9	349.8	99.9	99.9	57.8	93.
44.5	115.8	13688.7	150.0	-55.0	99.9	273.5	22.8	22.7	-2.2	368.4	99.9	99.9	61.7	93.
48.0	123.3	14833.4	125.0	-56.1	99.9	289.9	15.4	14.5	-3.2	393.5	99.9	99.9	65.7	93.
52.1	130.7	16244.0	100.0	-56.6	99.9	287.8	8.8	8.4	-2.7	418.3	99.9	99.9	68.2	94.
57.6	139.0	18044.3	75.0	-57.8	99.9	303.3	6.5	5.3	-3.8	451.4	99.9	99.9	78.3	95.
65.0	148.0	20615.7	50.0	-57.4	99.9	339.4	4.5	1.6	-4.2	508.2	99.9	99.9	72.0	95.
76.3	157.7	25100.5	25.0	-48.5	99.9	599.9	99.9	99.9	99.9	645.8	99.9	99.9	73.6	96.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 323
OKLAHOMA CITY, OKLAHOMA
28 APRIL 1979
1155 G47

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.6	392.0	957.0	18.3	14.4	160.0	5.1	-1.7	4.8	295.1	323.7	10.9	78.0	0.0	0.
0.9	93.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	93.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.2	11.3	455.2	950.0	18.3	12.8	198.6	27.8	8.8	26.4	295.2	321.9	9.8	70.1	0.1	6.
5.9	13.6	684.6	925.0	18.7	13.3	204.2	25.6	10.5	23.3	298.4	326.3	10.5	70.9	0.9	17.
1.9	16.0	920.0	900.0	18.4	12.6	223.4	22.5	15.4	16.3	300.5	328.0	10.2	68.8	2.2	26.
2.8	18.3	1143.0	875.0	21.6	4.4	240.1	20.6	17.9	10.3	306.2	323.3	6.0	32.6	3.3	36.
3.7	22.7	1144.2	850.0	21.4	0.9	238.8	16.8	14.1	9.2	308.5	322.5	4.8	25.8	4.2	42.
4.5	23.1	1671.7	825.0	19.5	0.3	230.4	15.7	12.1	10.0	309.3	323.1	4.7	27.4	5.0	44.
5.5	25.6	1935.2	800.0	17.0	-0.1	230.0	16.2	12.4	10.4	309.2	323.2	4.7	31.1	5.9	44.
6.4	29.1	2204.6	775.0	15.1	-1.4	230.9	14.8	11.5	9.4	310.0	323.1	4.5	32.2	6.8	45.
7.5	30.8	2881.4	750.0	13.2	-5.3	230.6	14.5	11.2	9.2	310.5	321.2	3.4	27.0	7.7	46.
8.5	33.3	2765.6	725.0	11.5	-8.3	229.0	13.6	11.7	10.2	312.1	320.7	2.8	24.1	8.6	46.
9.5	35.0	3057.1	700.0	8.7	-9.4	231.6	14.7	11.2	9.5	312.4	320.3	2.7	26.7	9.5	47.
10.5	37.7	3354.5	675.0	6.0	-11.6	229.6	14.8	11.6	9.2	312.4	319.6	2.3	26.9	10.4	47.
11.6	41.4	3663.9	650.0	3.0	-13.1	229.1	13.6	10.3	8.9	312.4	319.1	2.2	29.4	11.3	47.
12.7	44.3	3980.2	625.0	0.7	-14.6	234.4	13.2	10.9	7.5	313.3	319.4	2.0	30.5	12.2	48.
13.8	47.1	4306.1	600.0	-2.4	-16.2	244.0	14.6	13.1	6.3	313.2	319.0	1.8	33.8	13.1	48.
14.9	50.1	4642.3	575.0	-5.0	-19.9	260.1	12.3	12.1	2.1	314.1	318.5	1.4	30.0	14.0	50.
16.0	53.1	4990.4	550.0	-7.0	-21.9	276.8	11.8	11.7	-1.4	315.6	319.7	1.2	29.1	14.6	52.
17.3	56.1	5351.3	525.0	-10.0	-23.7	282.1	10.2	10.6	-2.3	316.5	320.0	1.1	31.4	15.1	54.
18.5	59.4	5725.4	500.0	-13.0	-23.2	271.2	10.8	10.8	-0.2	317.2	321.0	1.2	42.0	15.7	56.
19.7	62.6	6113.6	475.0	-17.0	-24.6	257.6	10.6	10.3	2.3	317.0	320.5	1.2	51.2	16.4	57.
21.1	65.9	6516.6	450.0	-20.4	-24.9	246.0	13.2	12.1	5.4	317.6	321.3	1.1	66.6	17.3	58.
22.6	69.3	6937.0	425.0	-23.8	-25.1	249.1	15.8	14.8	5.6	318.6	322.5	1.2	88.7	18.7	59.
24.0	73.9	7377.1	400.0	-27.3	-29.0	256.7	16.7	16.2	3.8	319.6	322.5	0.9	84.8	20.0	60.
25.6	76.6	7838.7	375.0	-30.8	-34.8	263.4	18.1	18.0	2.1	320.8	322.6	0.5	67.8	21.5	61.
27.1	82.3	8325.9	350.0	-33.4	-37.9	276.6	21.8	21.6	-2.5	323.7	324.5	0.2	34.3	23.1	63.
28.6	84.3	8842.4	325.0	-37.6	-38.6	285.3	23.3	22.5	-6.2	324.5	325.3	0.1	23.4	25.1	67.
31.0	87.4	9386.0	300.0	-42.5	-39.9	289.9	21.3	20.0	-7.3	325.4	325.9	99.9	999.9	27.2	71.
32.9	92.8	9968.6	275.0	-47.9	-39.9	289.0	16.9	16.0	-5.5	325.5	325.9	99.9	999.9	29.0	74.
34.8	97.3	10581.1	250.0	-53.5	-39.9	295.1	11.4	10.4	-4.9	326.2	326.9	99.9	999.9	30.3	75.
36.9	102.2	11259.2	225.0	-55.9	-39.9	305.7	10.5	8.5	-6.1	326.7	326.9	99.9	999.9	31.2	77.
39.4	107.3	11985.4	200.0	-65.6	-39.9	307.1	12.7	9.8	-7.4	328.6	326.9	99.9	999.9	32.2	80.
42.4	113.0	12756.4	175.0	-63.1	-39.9	285.6	20.7	20.0	-5.6	345.5	326.9	99.9	999.9	34.6	81.
45.8	117.3	13752.2	150.0	-62.3	-39.9	295.1	17.1	15.5	-7.3	362.2	326.9	99.9	999.9	38.5	85.
49.6	125.8	14878.3	125.0	-61.5	-39.9	282.3	14.0	13.7	-3.0	383.7	326.9	99.9	999.9	41.2	87.
54.7	133.3	16272.7	100.0	-55.6	-39.9	279.5	10.2	10.1	-1.7	412.5	326.9	99.9	999.9	45.2	88.
60.6	141.7	19086.0	75.0	-58.0	-39.9	279.4	7.5	7.4	-1.2	451.3	326.9	99.9	999.9	48.3	89.
69.9	151.3	20639.4	50.0	-56.4	-39.9	331.9	4.0	2.3	-4.4	510.8	326.9	99.9	999.9	51.1	90.
81.7	161.3	25136.0	25.0	-47.8	-39.9	999.9	99.9	99.9	99.9	647.8	326.9	99.9	999.9	51.1	91.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

25 APRIL 1979
1425 GMT

157 12.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	RH STD G/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.6	392.0	556.7	20.6	16.2	190.9	8.2	1.4	8.1	297.8	329.8	12.2	76.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
97.9	99.9	95.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.3	452.9	950.0	20.2	13.5	201.8	16.2	5.9	15.1	297.7	325.1	10.3	65.4	0.5	19.
1.2	13.7	682.8	925.0	18.5	13.6	207.1	16.4	7.8	14.6	298.2	326.6	10.7	73.0	1.1	21.
2.0	16.1	917.8	900.0	16.5	8.8	228.4	17.8	13.3	11.8	309.6	322.7	8.1	55.7	1.9	26.
2.7	18.5	1162.8	875.0	24.1	-3.4	238.2	18.4	15.7	9.7	308.8	318.9	3.4	15.8	2.7	37.
3.7	20.9	1414.9	850.0	22.5	-5.0	237.9	15.3	13.0	8.1	309.8	319.1	3.1	15.4	3.6	42.
4.7	23.4	1673.2	825.0	20.5	-6.5	246.6	13.6	12.3	6.8	310.3	318.0	2.9	15.6	4.4	45.
5.8	25.0	1937.1	800.0	18.2	-7.4	249.4	13.9	13.0	4.9	310.8	318.0	2.7	16.8	5.3	49.
6.9	29.6	2207.5	775.0	14.1	-9.8	252.5	14.5	13.8	4.3	311.1	318.3	2.4	16.0	6.1	52.
8.0	31.1	2484.4	750.0	13.6	-11.1	253.5	14.8	14.1	4.2	311.4	318.1	2.2	16.8	7.0	55.
9.2	33.8	2768.1	725.0	10.9	-11.5	256.9	15.1	14.7	3.4	311.4	318.0	2.1	18.9	8.0	58.
10.3	36.5	3055.4	700.0	8.7	-14.6	264.6	15.7	15.6	1.8	312.1	317.6	1.8	17.6	9.0	60.
11.6	39.2	3358.7	675.0	6.8	-16.4	271.6	14.7	14.7	-0.4	312.9	318.7	1.8	20.8	10.0	63.
12.7	42.0	3666.4	650.0	3.6	-16.7	273.9	15.9	15.9	-1.1	313.1	318.1	1.6	20.8	10.9	66.
13.8	44.9	3983.3	625.0	0.7	-17.8	281.3	14.1	13.9	-2.8	313.3	318.0	1.5	23.4	11.9	69.
15.1	47.8	4305.5	600.0	-1.7	-18.2	289.3	12.7	11.9	-4.2	314.2	319.0	1.5	26.9	12.7	71.
16.4	50.7	4646.2	575.0	-4.9	-19.6	288.5	10.9	10.3	-3.5	314.3	318.8	1.4	30.3	13.4	74.
17.7	53.7	4994.2	550.0	-7.4	-21.5	281.4	9.3	9.2	-1.9	315.3	319.3	1.2	31.2	14.1	75.
19.0	56.8	5354.3	525.0	-10.5	-23.3	269.6	9.5	9.5	0.1	315.8	319.4	1.1	34.1	14.7	77.
20.4	60.0	5728.8	500.0	-13.1	-23.5	256.1	10.6	10.3	2.5	317.1	320.8	1.1	40.9	15.6	77.
21.9	63.3	6116.4	475.0	-16.4	-26.3	248.7	12.1	11.3	4.4	317.4	320.9	0.9	42.6	16.5	76.
23.4	66.6	6520.2	450.0	-20.2	-26.7	249.0	13.5	12.6	4.8	317.6	320.9	0.9	56.0	17.7	76.
25.0	70.0	6941.4	425.0	-22.4	-30.0	266.0	15.9	15.9	1.1	320.6	322.5	0.7	50.9	19.2	76.
26.7	73.6	7384.3	400.0	-28.4	-44.2	289.5	17.1	16.2	-5.7	321.6	322.6	0.2	15.3	20.7	78.
28.4	77.2	7848.6	375.0	-29.5	-48.3	292.4	21.1	19.5	-8.1	322.8	323.1	0.1	14.1	22.2	80.
30.1	81.0	8336.8	350.0	-33.4	-43.4	292.6	20.4	18.8	-7.9	323.6	324.6	0.2	35.4	24.2	83.
31.8	84.8	8852.2	325.0	-37.6	-42.3	294.2	16.9	15.4	-6.9	324.9	325.9	0.3	60.9	25.8	85.
33.6	85.0	9400.0	300.0	-42.2	59.9	292.4	15.8	14.3	-5.9	325.6	326.6	99.9	999.9	27.3	87.
35.6	93.3	9952.0	275.0	-47.6	99.9	287.7	16.6	15.8	-5.0	326.4	326.4	99.9	999.9	29.1	88.
37.6	97.8	10603.9	250.0	-53.1	59.9	282.3	11.0	10.7	-2.3	327.2	327.2	99.9	999.9	30.9	90.
40.0	102.8	11274.2	225.0	-56.8	59.9	264.3	6.2	6.2	0.6	328.4	328.4	99.9	999.9	32.0	90.
42.3	107.6	12003.1	200.0	-64.4	59.9	248.4	8.1	7.5	3.8	330.7	330.7	99.9	999.9	35.1	89.
45.1	113.2	12924.6	175.0	-62.1	99.9	278.2	21.9	21.7	-3.1	347.8	347.8	99.9	999.9	35.1	89.
49.4	119.3	13782.3	150.0	-60.2	99.9	298.7	17.7	15.5	-8.5	346.4	346.4	99.9	999.9	39.4	92.
52.4	126.0	14916.3	125.0	-60.8	99.9	279.7	12.9	12.7	-2.2	346.4	346.4	99.9	999.9	42.2	93.
57.1	133.3	16313.8	100.0	-58.2	99.9	274.8	10.1	10.0	-0.8	415.2	415.2	99.9	999.9	45.9	93.
63.3	141.7	18124.8	75.0	-56.8	99.9	301.9	6.7	5.7	-3.6	453.6	453.6	99.9	999.9	48.5	94.
71.7	151.0	20706.1	50.0	-55.0	99.9	306.2	4.9	4.0	-2.9	513.6	513.6	99.9	999.9	50.2	97.
84.3	161.0	25182.7	25.0	-47.9	99.9	999.9	99.9	99.9	99.9	647.8	647.8	99.9	999.9	49.8	96.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

25 APRIL 1979
1705 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	3.8	392.0	955.3	2.6	16.7	230.0	6.2	4.7	4.0	302.4	336.4	12.8	58.0	0.0	0.
9.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	94.7.9	959.
9.9	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.2	10.5	468.5	950.0	23.9	14.9	269.0	7.4	7.4	0.1	301.5	332.1	11.4	57.0	0.4	65.
3.3	12.6	700.8	925.0	21.3	12.5	272.0	8.3	8.3	-0.3	301.1	328.0	9.9	57.1	0.5	73.
1.9	14.7	937.8	900.0	19.5	12.0	277.2	6.4	8.3	-1.1	301.6	328.5	9.9	62.1	1.1	84.
2.9	16.9	1179.5	875.0	16.8	10.8	275.9	9.4	9.3	-1.0	301.2	326.6	9.3	67.7	1.5	89.
3.6	19.1	1426.8	850.0	18.1	3.3	261.5	12.4	12.3	1.8	305.1	321.4	5.7	37.6	2.0	90.
4.4	21.4	1682.8	825.0	18.6	-6.4	244.5	14.5	13.1	6.2	308.2	316.8	2.9	17.7	2.7	9.
5.4	23.6	1945.7	800.0	17.5	-7.9	239.7	14.1	12.2	7.1	309.2	317.8	2.6	16.9	3.4	79.
6.6	26.0	2215.4	775.0	15.5	-9.4	243.0	14.8	13.2	6.7	310.4	317.8	2.4	17.1	4.4	75.
7.7	29.4	2492.2	750.0	13.5	-10.2	253.7	14.6	14.0	4.1	311.2	318.4	2.3	18.2	5.3	73.
8.7	30.9	2776.0	725.0	11.3	-11.9	260.9	15.9	15.7	2.5	311.6	318.4	2.1	18.4	6.2	74.
9.7	33.4	3067.6	700.0	9.1	-13.0	264.3	15.6	15.6	1.6	312.4	318.8	2.0	19.4	7.2	75.
10.7	36.0	3367.0	675.0	6.2	-14.1	267.1	13.7	13.7	0.7	312.7	318.6	1.9	21.6	8.1	76.
11.6	38.6	3675.0	650.0	3.7	-16.4	270.1	11.8	11.8	-0.0	313.2	318.4	1.6	21.3	8.8	77.
12.7	41.3	3991.7	625.0	0.9	-19.0	269.8	12.2	12.2	0.0	313.5	318.2	1.5	22.6	9.5	78.
13.7	44.1	4317.7	600.0	-2.1	-17.2	269.0	12.9	12.9	0.2	313.7	318.9	1.7	30.5	10.2	79.
14.9	46.9	4654.3	575.0	-4.6	-19.6	268.6	12.1	12.0	0.3	314.6	319.1	1.4	29.6	11.2	80.
16.2	49.9	5002.4	550.0	-7.5	-21.8	266.5	11.5	11.8	0.7	315.2	319.1	1.2	30.7	12.0	81.
17.4	53.0	5362.8	525.0	-10.2	-23.5	267.4	13.3	13.3	0.6	316.2	319.8	1.1	32.5	12.9	81.
18.6	56.0	5716.8	500.0	-12.9	-25.4	272.3	14.4	14.4	-0.6	317.4	320.6	1.0	34.0	14.0	82.
19.9	59.3	6125.5	475.0	-16.4	-25.7	268.4	15.3	15.3	0.4	317.7	320.9	1.0	44.4	15.1	82.
21.2	62.6	6529.9	450.0	-19.3	-29.3	269.7	14.6	14.6	0.1	318.5	321.5	0.7	40.8	16.3	83.
22.7	66.0	6951.8	425.0	-23.1	-32.7	280.0	13.3	13.1	-2.3	319.4	321.4	0.6	40.8	17.5	84.
24.2	69.7	7393.3	400.0	-26.3	-32.3	293.9	13.6	12.5	-5.5	320.2	321.6	0.2	20.3	18.6	85.
25.7	73.5	7856.0	375.0	-30.2	-39.2	297.7	16.1	14.3	-7.5	321.6	322.8	0.3	40.5	19.7	87.
27.3	77.3	8343.6	350.0	-32.5	-40.3	298.3	19.2	18.0	-6.7	323.8	324.7	0.3	49.9	21.3	89.
29.0	81.6	8859.0	325.0	-37.8	-45.7	284.6	17.9	17.3	-4.5	324.5	325.2	0.2	42.9	23.1	91.
30.8	86.0	9404.4	300.0	-42.9	-49.9	284.7	16.4	15.8	-4.1	324.5	325.9	99.9	599.9	24.8	92.
32.6	90.6	9885.8	275.0	-47.4	-49.9	286.5	14.1	13.5	-4.0	326.6	326.9	99.9	599.9	26.5	93.
34.4	95.6	10366.7	250.0	-52.8	-49.9	293.1	10.2	9.3	-4.3	327.6	327.9	99.9	599.9	27.9	94.
37.3	103.8	11276.8	225.0	-56.5	-49.9	293.7	8.8	8.0	-3.5	328.5	328.5	99.9	599.9	29.2	94.
39.6	105.5	12018.9	200.0	-63.6	-49.9	287.8	11.6	11.1	-3.6	332.1	332.1	99.9	599.9	30.4	95.
42.3	112.8	12831.0	175.0	-63.4	-49.9	288.0	25.5	24.3	-7.9	345.2	345.2	99.9	599.9	33.3	96.
45.7	119.7	13784.9	150.0	-61.1	-49.9	297.5	19.9	17.7	-9.2	364.2	364.2	99.9	599.9	38.7	99.
49.6	127.0	14915.6	125.0	-61.1	-49.9	276.1	13.2	13.1	-1.4	384.3	384.3	99.9	599.9	41.6	99.
54.2	135.3	16305.0	100.0	-58.4	-49.9	284.6	11.2	10.9	-2.8	415.0	415.0	99.9	599.9	45.4	99.
60.1	144.5	18115.2	75.0	-56.1	-49.9	313.8	7.0	4.9	-5.0	455.4	455.4	99.9	599.9	48.2	100.
67.8	154.7	20884.6	50.0	-56.9	-49.9	288.2	3.6	3.5	-1.0	509.6	509.6	99.9	599.9	49.0	103.
80.2	165.3	25181.9	25.0	-48.1	-49.9	260.3	6.4	6.3	1.1	646.6	646.6	99.9	599.9	49.4	101.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

25 APRIL 1979
2012 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
00	12.3	392.0	559.7	21.1	13.5	330.0	9.3	4.7	-8.1	297.7	325.0	10.2	62.0	123	25.0
00.9	92.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	58.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	11.2	460.2	550.0	20.9	15.5	201.3	1.6	0.6	1.5	298.4	320.7	11.0	71.4	9.7	150.
0.8	13.5	710.4	925.0	17.9	13.8	306.2	4.4	3.6	-2.6	297.6	326.3	10.8	77.2	0.7	154.
1.6	13.9	944.3	500.0	15.1	13.5	339.1	9.9	3.6	-9.3	297.1	326.0	10.9	98.1	1.1	154.
2.3	15.2	1182.9	275.0	13.1	12.0	360.2	7.3	2.5	-6.8	297.4	324.5	10.2	93.0	1.5	158.
3.1	20.7	1427.8	850.0	14.5	7.4	291.3	5.3	4.9	-1.9	301.4	322.5	7.7	62.9	1.7	157.
3.8	23.1	1688.8	825.0	16.5	-0.4	269.6	8.7	8.7	0.1	306.1	319.1	4.5	31.5	1.8	168.
4.7	25.6	1943.3	800.0	17.0	-0.8	284.0	10.5	10.2	-2.5	308.2	322.5	4.5	29.8	2.2	137.
5.6	29.1	2212.9	775.0	15.1	-3.0	280.1	11.3	11.2	-2.0	310.1	321.9	4.0	28.5	2.7	131.
6.4	30.8	2489.4	750.0	12.2	-7.1	275.9	13.3	13.2	-1.4	311.0	320.0	3.0	23.6	3.2	124.
7.3	33.3	2773.2	725.0	11.1	-9.3	275.8	14.1	14.0	-1.4	311.6	319.4	2.6	22.9	3.9	120.
8.2	36.1	3064.4	700.0	8.6	-13.4	269.8	15.1	15.1	0.1	312.0	318.0	1.9	19.4	4.6	115.
9.1	39.9	3363.9	675.0	6.7	-15.2	264.5	14.4	14.3	1.4	313.1	318.6	1.7	19.1	5.3	111.
10.0	41.6	3672.1	650.0	4.1	-16.2	262.5	13.3	13.2	1.7	313.6	318.8	1.7	21.1	6.0	108.
10.9	44.3	3988.3	625.0	1.2	-17.7	260.2	12.1	11.9	2.1	314.0	318.0	1.5	22.7	6.4	105.
12.0	47.3	4316.0	600.0	-1.4	-18.1	257.1	12.8	12.5	2.9	314.6	319.4	1.5	25.6	7.3	102.
13.0	50.2	4653.8	575.0	-3.9	-18.2	259.4	13.7	13.5	2.5	315.4	320.5	1.6	31.7	8.0	100.
14.1	53.7	5002.7	550.0	-7.3	-18.6	267.6	14.5	14.5	0.6	315.4	320.5	1.6	39.8	8.9	98.
14.9	56.4	5363.6	525.0	-9.0	-21.5	274.3	15.5	15.4	-1.2	316.6	320.9	1.3	37.8	9.7	98.
15.0	59.5	5736.2	500.0	-12.1	-43.8	274.7	15.7	15.6	-1.3	318.3	319.7	0.4	14.2	10.7	98.
17.1	62.9	6128.2	475.0	-15.3	-29.4	270.4	12.8	12.8	-0.1	319.1	321.5	0.7	28.7	11.6	97.
19.2	66.1	6534.8	450.0	-17.9	-36.5	275.5	12.6	12.5	-1.2	320.7	322.0	0.4	17.8	12.5	97.
19.5	69.7	6955.1	425.0	-21.6	-45.4	282.8	11.3	11.0	-2.5	321.4	321.9	0.2	9.5	13.3	97.
20.6	73.3	7403.1	400.0	-25.0	-49.2	285.7	10.6	10.2	-2.9	322.5	322.9	0.1	8.4	14.1	97.
22.0	77.0	7866.2	375.0	-25.1	-52.0	289.2	11.7	11.1	-3.7	323.1	323.4	0.1	9.3	14.9	96.
23.5	80.8	8357.5	350.0	-33.4	-55.0	291.9	14.2	13.2	-5.3	323.7	324.0	0.1	9.3	16.1	99.
25.0	85.0	8873.2	325.0	-37.4	-55.6	296.3	18.6	16.7	-8.2	325.1	325.4	0.1	12.9	17.5	100.
25.5	89.2	9420.1	300.0	-42.6	-59.9	304.2	21.6	17.9	-12.2	325.4	325.9	99.9	99.9	19.2	102.
29.1	93.0	10001.6	275.0	-47.5	-59.9	309.8	25.7	19.7	-16.5	326.8	326.8	99.9	99.9	21.2	105.
29.6	93.2	10624.1	250.0	-52.0	-59.9	312.1	30.7	22.8	-20.6	327.3	327.3	99.9	99.9	23.6	107.
31.6	103.2	11256.1	225.0	-56.4	-59.9	303.6	19.6	16.3	-10.8	332.1	332.1	99.9	99.9	26.7	111.
33.5	108.6	12040.8	200.0	-55.5	-59.9	278.5	19.7	19.5	-2.9	338.8	338.8	99.9	99.9	28.3	118.
35.6	114.3	12848.3	175.0	-63.6	-59.9	294.8	33.3	30.2	-14.0	345.8	345.8	99.9	99.9	31.8	118.
38.4	120.5	13618.1	150.0	-61.9	-59.9	291.4	25.1	23.3	-9.1	343.4	343.4	99.9	99.9	37.4	111.
41.4	127.8	14949.8	125.0	-62.3	-59.9	289.1	11.8	18.5	-4.7	382.2	382.2	99.9	99.9	39.9	111.
45.5	135.8	16337.3	100.0	-59.3	-59.9	289.2	11.1	18.5	-3.6	413.3	413.3	99.9	99.9	43.8	111.
51.2	143.7	18154.2	75.0	-57.4	-59.9	337.9	5.4	2.8	-8.0	452.6	452.6	99.9	99.9	44.7	112.
58.1	152.5	20714.5	50.0	-57.5	-59.9	292.8	3.9	3.6	-1.4	508.8	508.8	99.9	99.9	45.3	113.
71.3	162.0	23216.7	25.0	-67.4	-59.9	999.9	99.9	99.9	99.9	648.4	648.4	99.9	99.9	999.9	999.9

99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG

99 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
25 APRIL 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	392.0	961.7	16.1	10.0	340.0	10.3	3.5	-9.7	292.5	313.7	8.0	67.0	0.0	0.0
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	575.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.5	453.7	950.0	13.6	9.1	350.5	14.6	2.4	-14.4	291.2	311.4	7.7	73.6	0.5 171.	0.5 171.
1.3	13.9	720.0	525.0	11.5	9.2	350.6	17.1	2.8	-16.8	291.1	311.9	7.9	85.2	1.2 171.	1.2 171.
2.1	16.3	945.7	500.0	5.3	8.6	350.6	16.5	2.7	-16.2	291.1	311.7	7.8	95.3	2.1 171.	2.1 171.
3.0	18.7	1183.3	475.0	10.6	10.1	350.9	13.7	2.2	-13.5	294.8	318.4	8.9	96.9	2.9 171.	2.9 171.
4.0	21.2	1426.2	550.0	11.3	10.5	345.0	9.7	2.5	-9.4	298.0	323.4	9.5	98.7	3.5 171.	3.5 171.
4.8	23.7	1676.2	825.0	12.6	1.2	323.6	6.1	3.7	-4.9	301.5	316.3	5.1	46.5	3.9 169.	3.9 169.
5.6	26.2	1936.2	800.0	15.2	-2.4	311.4	5.1	3.9	-3.4	307.4	319.2	4.0	29.7	4.1 167.	4.1 167.
6.4	28.8	2204.4	775.0	14.3	-16.4	298.8	7.2	6.3	-3.4	309.1	313.4	1.4	10.4	4.3 165.	4.3 165.
7.3	31.4	2478.8	750.0	12.3	-17.0	278.5	9.0	8.9	-1.3	309.9	314.2	1.3	11.3	4.6 161.	4.6 161.
8.2	34.1	2762.1	725.0	5.7	-17.2	271.0	10.3	10.3	-0.2	310.1	314.4	1.4	13.1	4.8 154.	4.8 154.
9.1	36.9	3051.9	700.0	7.1	-12.3	273.4	11.5	11.5	-0.7	310.4	317.0	2.1	23.7	5.1 148.	5.1 148.
1.0	39.3	3349.6	675.0	4.7	-15.6	270.7	12.2	12.2	-0.2	310.5	316.2	1.7	21.2	5.5 143.	5.5 143.
11.0	42.1	3655.6	650.0	2.6	-17.6	271.4	14.6	14.6	-0.4	311.6	316.6	1.5	20.8	6.0 137.	6.0 137.
1.1	45.0	3971.1	625.0	-0.2	-17.1	267.3	14.9	14.9	0.7	312.2	317.3	1.6	20.6	6.7 131.	6.7 131.
13.2	47.9	4296.3	600.0	-2.9	-16.3	261.7	13.3	13.2	1.9	312.8	318.3	1.8	34.2	7.3 126.	7.3 126.
14.2	50.9	4632.3	575.0	-4.6	-18.6	262.8	13.0	13.5	1.7	314.6	319.4	1.5	32.4	8.0 122.	8.0 122.
15.4	54.0	4980.2	550.0	-7.8	-19.9	268.1	14.0	14.0	0.5	316.6	319.4	1.4	37.0	8.8 118.	8.8 118.
16.5	57.1	5341.0	525.0	-9.7	-19.8	276.0	14.7	14.6	-1.5	316.6	321.7	1.5	43.3	9.7 115.	9.7 115.
17.5	60.3	5710.5	500.0	-11.2	-26.6	271.0	15.1	15.1	-0.3	319.4	322.3	0.9	26.8	10.9 110.	10.9 110.
19.2	63.6	6107.5	475.0	-14.7	-31.0	257.5	14.3	14.0	3.1	319.8	321.9	0.6	23.7	11.9 110.	11.9 110.
20.6	67.1	6514.0	450.0	-18.2	-46.4	252.6	13.9	13.3	4.2	320.4	320.9	0.1	7.2	12.8 107.	12.8 107.
21.0	70.6	6936.4	425.0	-21.2	-63.4	259.3	15.7	15.4	2.9	321.8	321.9	0.0	1.0	13.9 105.	13.9 105.
21.4	74.2	7382.3	400.0	-25.0	-65.8	265.8	17.8	17.8	1.3	322.5	322.6	0.0	1.0	15.1 103.	15.1 103.
24.9	78.0	7847.4	375.0	-29.2	-58.5	273.3	21.0	21.5	-1.2	323.6	323.1	0.0	4.0	16.8 101.	16.8 101.
25.4	81.8	8336.1	350.0	-33.5	-56.4	279.4	25.0	24.6	-4.1	323.6	323.6	0.1	7.9	19.0 101.	19.0 101.
25.1	86.0	8851.5	325.0	-37.5	-48.4	292.4	26.6	24.6	-10.1	325.0	325.5	0.1	30.4	21.6 101.	21.6 101.
27.9	90.2	9359.4	300.0	-41.5	-59.9	299.2	29.1	25.3	-14.2	326.8	326.8	99.9	99.9	24.3 103.	24.3 103.
31.6	94.5	9983.2	275.0	-46.8	99.9	299.4	30.5	26.8	-14.5	327.5	327.5	99.9	99.9	27.5 105.	27.5 105.
31.7	99.4	10607.0	250.0	-52.6	99.9	300.4	37.5	32.3	-19.0	327.6	327.6	99.9	99.9	31.4 107.	31.4 107.
33.9	104.3	11279.7	225.0	-57.9	99.9	302.3	36.2	30.6	-19.3	328.8	328.8	99.9	99.9	36.4 109.	36.4 109.
35.3	109.6	12017.4	200.0	-60.0	99.9	299.6	42.4	36.8	-21.0	337.6	337.6	99.9	99.9	41.6 110.	41.6 110.
41.0	115.4	12845.8	175.0	-62.5	99.9	308.2	36.1	28.4	-22.3	346.4	346.4	99.9	99.9	46.6 112.	46.6 112.
44.0	121.7	13758.3	150.0	-62.8	99.9	294.9	28.0	18.1	-8.4	346.0	346.0	99.9	99.9	52.5 113.	52.5 113.
47.8	129.5	14928.3	125.0	-60.9	99.9	295.4	16.8	14.4	-6.9	346.7	346.7	99.9	99.9	56.9 113.	56.9 113.
52.6	136.3	16319.7	100.0	-58.6	99.9	303.0	9.7	8.2	-5.3	414.5	414.5	99.9	99.9	60.3 113.	60.3 113.
53.2	144.7	18134.5	75.0	-57.9	99.9	323.2	6.7	4.0	-5.4	451.8	451.8	99.9	99.9	62.5 114.	62.5 114.
65.8	154.0	20609.1	50.0	-55.8	99.9	302.8	4.1	3.4	-2.2	511.4	511.4	99.9	99.9	64.1 115.	64.1 115.
77.5	163.3	25201.5	25.0	-46.4	99.9	295.1	4.3	3.9	-1.8	651.7	651.7	99.9	99.9	66.0 115.	66.0 115.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 20 APRIL 1979
 220 647

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT R DEG K	E POT V DEG K	MN STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.0	392.0	964.8	13.3	7.7	350.0	7.7	1.3	-7.6	289.4	307.5	6.9	69.0	0.0	0.
9.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.3	521.0	950.0	11.6	6.5	1.6	14.5	-6.4	-14.5	289.4	305.0	6.4	71.3	0.4	181.
1.0	13.6	744.3	925.0	9.7	6.3	4.6	15.0	-1.3	-15.0	289.4	306.3	6.5	79.0	0.4	181.
1.7	16.0	971.3	900.0	7.7	6.1	13.2	19.3	-0.4	-18.0	289.4	306.8	6.4	90.0	1.5	185.
2.5	18.5	1205.3	875.0	10.5	8.1	13.9	19.7	-4.7	-19.2	289.4	315.5	7.8	94.9	2.5	190.
3.3	21.0	1446.9	850.0	10.1	9.5	5.0	18.9	-1.5	-16.9	289.4	320.2	8.0	96.0	3.4	190.
4.2	23.5	1696.5	825.0	11.7	3.7	1.6	14.5	-0.4	-14.5	301.0	318.4	6.3	101.5	4.2	180.
5.0	26.1	1954.3	800.0	12.1	-6.1	357.7	13.1	0.5	-13.1	304.1	312.9	3.0	27.3	5.0	187.
5.9	29.7	2219.8	775.0	11.6	-7.1	339.1	8.2	2.9	-7.1	304.3	314.9	2.9	26.4	5.5	186.
6.8	31.3	2492.9	750.0	9.8	-9.1	292.3	5.6	5.1	-2.1	307.3	315.0	2.6	25.3	5.7	184.
7.7	34.0	2773.3	725.0	8.0	-10.0	271.5	7.7	7.7	-0.2	308.3	313.7	2.5	26.5	5.7	180.
8.7	36.6	3061.9	700.0	6.0	-12.3	276.8	10.2	10.1	-1.2	309.1	315.6	2.1	25.5	5.7	175.
9.6	39.3	3352.1	675.0	2.3	-13.6	275.9	11.7	11.6	-1.2	309.3	315.4	2.1	27.7	5.9	169.
10.5	42.1	3642.9	650.0	1.2	-15.1	278.1	12.3	12.2	-1.7	310.3	316.0	1.8	28.4	6.1	163.
11.5	45.0	3976.9	625.0	-1.5	-15.7	280.9	12.1	11.9	-2.3	310.6	316.4	1.8	32.7	6.5	157.
12.5	47.9	4300.6	600.0	-4.3	-16.3	280.9	11.0	10.8	-2.1	311.2	316.0	1.8	38.6	6.9	152.
13.6	50.9	4634.8	575.0	-6.6	-17.5	284.8	10.6	10.2	-2.7	312.2	317.5	1.7	41.3	7.4	148.
14.7	53.9	4980.6	550.0	-5.1	-19.0	272.5	11.5	11.4	-0.5	313.2	318.2	1.5	44.2	7.9	144.
16.0	57.0	5339.7	525.0	-10.5	-23.7	268.3	14.9	14.9	0.4	315.2	319.3	1.1	32.7	8.4	139.
17.2	60.1	5712.9	500.0	-14.0	-26.3	274.6	17.0	16.9	-1.4	315.9	318.9	0.9	34.5	9.3	133.
18.5	63.4	6100.6	475.0	-16.6	-28.2	269.7	17.0	17.0	0.1	317.2	320.1	0.8	35.6	10.3	129.
19.7	66.0	6506.0	450.0	-18.3	-36.7	272.7	19.0	19.0	-0.9	320.2	321.5	0.4	18.1	11.4	125.
21.0	70.3	6930.0	425.0	-21.6	-38.6	276.0	21.6	21.5	-2.3	321.3	324.1	0.6	52.9	12.8	121.
22.4	73.9	7373.3	400.0	-25.5	-38.6	275.9	23.0	23.7	-2.5	321.5	324.4	0.7	62.0	14.6	118.
23.9	77.5	7837.9	375.0	-26.5	-31.5	278.1	24.2	24.0	-3.4	322.5	325.0	0.7	82.8	16.6	115.
25.4	81.3	8325.9	350.0	-33.7	-35.6	284.5	25.6	24.8	-6.4	323.2	325.1	0.5	81.5	19.8	113.
27.0	85.3	8841.4	325.0	-37.6	-40.4	289.9	29.6	27.8	-10.1	324.6	325.0	0.3	76.3	21.4	113.
28.7	89.5	9368.5	300.0	-41.9	99.9	293.3	34.4	31.6	-13.6	326.3	329.9	99.9	99.9	26.7	113.
30.6	93.8	9971.5	275.0	-46.6	99.9	295.4	39.7	35.0	-17.1	327.2	329.9	99.9	99.9	28.0	113.
32.5	99.4	10566.1	250.0	-52.2	99.9	296.4	43.0	38.5	-19.1	328.5	329.9	99.9	99.9	31.4	113.
34.6	103.4	11268.4	225.0	-58.4	99.9	297.0	38.9	34.7	-17.7	329.0	329.9	99.9	99.9	36.7	114.
36.7	108.6	12003.7	200.0	-61.8	99.9	293.9	43.1	39.4	-17.4	334.5	329.9	99.9	99.9	43.7	114.
38.4	114.0	12828.9	175.0	-62.7	99.9	302.8	42.3	35.7	-23.0	336.4	329.9	99.9	99.9	48.6	114.
40.5	120.3	13774.9	150.0	-63.1	99.9	298.4	25.6	22.5	-12.2	341.5	329.9	99.9	99.9	52.6	115.
43.4	127.0	14803.7	125.0	-62.0	99.9	294.3	16.1	14.6	-6.6	342.7	329.9	99.9	99.9	56.3	115.
47.4	134.3	16226.5	100.0	-59.1	99.9	299.0	16.1	8.7	-5.0	413.7	329.9	99.9	99.9	59.9	115.
53.3	142.0	18081.8	75.0	-55.0	99.9	307.4	6.0	7.0	-5.4	477.3	329.9	99.9	99.9	62.1	115.
61.2	150.3	20625.7	50.0	-57.9	99.9	356.1	4.4	0.3	-4.4	507.2	329.9	99.9	99.9	64.5	117.
73.2	158.7	25089.2	25.0	-49.5	99.9	999.9	99.9	99.9	99.9	642.6	329.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA26 APRIL 1979
505 GAT

157 11. 0

TIME MIN	CNCT	WEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIF DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
5.0	9.3	392.0	567.5	11.1	6.6	350.0	5.7	1.0	-5.6	287.0	303.5	0.4	74.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
10.9	10.9	544.3	550.0	9.0	6.2	6.9	11.7	-1.4	-11.6	287.2	303.7	6.3	78.0	0.4	177.
1.4	13.2	765.3	525.0	7.7	5.4	12.7	16.4	-3.6	-16.0	287.2	303.1	6.1	85.3	0.9	185.
2.1	15.5	991.2	900.0	7.7	-1.2	17.5	20.1	-6.0	-19.1	289.4	300.2	4.0	55.6	1.7	190.
2.9	17.9	1224.0	875.0	8.6	0.6	13.9	21.4	-5.2	-20.7	292.2	305.3	4.6	57.1	2.9	190.
3.9	20.2	1464.3	850.0	5.8	1.3	7.1	18.0	-2.2	-17.9	296.2	310.2	5.0	55.5	4.0	192.
4.9	22.4	1712.9	825.0	10.4	0.9	0.4	14.2	-0.1	-16.2	299.6	313.5	5.0	51.7	5.0	190.
5.8	25.1	1668.8	800.0	9.9	-6.9	1.7	14.7	-0.4	-14.7	301.7	310.0	2.9	29.9	5.9	189.
6.9	27.5	2231.7	775.0	8.2	-6.9	356.2	13.8	0.4	-13.8	302.2	311.2	3.0	33.7	6.7	188.
7.9	30.1	2502.0	750.0	7.9	-7.0	336.9	9.2	3.3	-8.6	305.1	314.0	3.0	34.2	7.3	187.
8.6	32.7	2781.5	725.0	7.0	-7.7	297.6	7.5	6.7	-3.5	307.2	316.0	3.0	34.1	7.6	184.
9.7	35.3	3068.8	700.0	4.8	-8.3	271.9	6.5	8.5	-0.3	307.2	316.5	2.9	38.1	7.6	181.
1.9	39.0	3364.2	675.0	2.6	-10.1	277.0	10.3	10.2	-1.3	308.2	316.5	2.6	38.5	7.6	176.
1.9	40.7	3669.5	650.0	0.4	-11.5	285.0	11.7	11.3	-3.0	309.2	316.9	2.4	40.3	7.9	171.
1.9	43.4	3922.1	625.0	-1.7	-12.9	283.8	12.8	12.4	-3.1	310.5	317.4	2.3	42.1	8.2	166.
1.1	46.3	4105.6	600.0	-4.2	-14.3	281.3	12.8	12.5	-2.5	311.2	317.7	2.1	45.3	8.6	161.
1.3	49.1	4354.6	575.0	-6.9	-14.9	280.4	12.6	12.4	-2.3	311.9	318.4	2.1	52.9	9.1	156.
1.5	52.1	4604.5	550.0	-10.0	-16.6	276.7	12.7	12.6	-1.5	312.9	318.5	1.8	66.0	10.2	146.
1.9	53.1	5341.3	525.0	-12.9	-17.9	265.3	14.6	14.6	1.0	312.9	318.5	1.4	63.0	10.9	140.
1.2	54.3	5712.1	500.0	-15.5	-21.0	264.3	16.7	18.6	1.9	314.1	318.7	1.4	63.0	10.9	140.
2.4	61.4	6092.5	475.0	-16.9	-26.0	263.7	20.2	20.1	2.2	317.1	320.3	1.0	45.1	11.8	134.
2.9	63.6	6502.4	450.0	-15.7	-23.0	267.1	21.0	21.0	1.1	318.4	322.8	1.3	74.0	13.1	128.
2.4	69.0	6924.3	425.0	-22.8	-27.7	273.7	21.6	21.5	-1.4	319.6	322.8	0.9	64.0	14.6	123.
2.9	71.5	7365.9	400.0	-26.5	-32.1	277.8	22.1	21.9	-3.0	320.2	322.7	0.6	59.2	16.4	120.
2.9	75.1	7926.4	375.0	-30.5	-36.5	281.2	24.4	23.9	-4.7	321.2	322.8	0.4	55.7	18.5	118.
2.1	78.9	8316.9	350.0	-34.7	-39.1	287.2	29.7	28.4	-8.8	322.0	323.3	0.4	63.7	21.0	116.
3.1	82.7	8929.3	325.0	-38.0	-44.8	291.1	34.6	32.4	-12.5	324.2	325.1	0.2	48.1	24.7	115.
3.1	84.3	9375.3	300.0	-42.4	-49.9	294.5	40.2	37.4	-14.7	325.6	325.9	99.9	99.9	29.3	115.
3.2	91.0	9556.9	275.0	-47.4	-54.9	291.3	44.2	41.2	-16.1	326.2	326.2	99.9	99.9	34.5	114.
3.3	95.5	10588.8	250.0	-52.0	-59.9	288.3	48.0	45.6	-15.1	328.2	328.2	99.9	99.9	40.5	114.
3.6	100.4	11254.2	225.0	-57.7	-64.9	282.2	46.6	45.6	-9.9	330.0	329.9	99.9	99.9	47.0	112.
4.1	105.4	11928.2	200.0	-61.3	-69.9	287.1	50.1	47.9	-14.7	335.7	329.9	99.9	99.9	53.8	111.
4.4	110.9	12615.6	175.0	-62.5	-69.9	301.4	36.0	32.5	-19.8	346.7	329.9	99.9	99.9	60.7	112.
4.9	116.8	13766.7	150.0	-61.5	-69.9	289.2	26.3	24.8	-8.7	364.1	329.9	99.9	99.9	66.8	112.
5.0	123.5	14900.3	125.0	-61.2	-69.9	280.5	14.7	14.4	-2.7	384.3	329.9	99.9	99.9	71.4	112.
5.2	131.0	16283.0	100.0	-59.6	-69.9	284.6	12.4	12.0	-3.2	412.2	329.9	99.9	99.9	74.5	111.
6.6	139.7	18088.9	75.0	-58.7	-69.9	319.7	10.0	6.5	-7.7	450.0	329.9	99.9	99.9	78.7	112.
7.0	149.0	20638.8	50.0	-57.2	-69.9	298.5	2.6	2.3	-1.3	508.8	329.9	99.9	99.9	81.1	113.
8.7	159.5	25025.4	25.0	-52.1	-69.9	999.9	99.9	99.9	99.9	635.1	329.9	99.9	99.9	88.6	113.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

26 APRIL 1979
1105 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.2	392.0	562.5	10.0	5.6	360.0	5.1	0.0	-5.1	285.8	301.1	5.9	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.9	551.9	550.0	8.1	5.0	599.9	99.9	99.9	99.9	285.4	300.4	5.8	80.8	999.9	999.9
1.4	13.3	771.6	525.0	6.5	2.4	999.9	99.9	99.9	99.9	285.5	298.2	4.9	75.3	999.9	999.9
2.3	15.7	996.7	500.0	6.9	-2.6	21.3	17.3	-6.3	-16.2	288.7	298.2	3.5	50.7	1.5	201.
3.1	18.1	1229.1	875.0	8.8	-2.9	10.8	19.2	-3.6	-18.8	292.9	302.0	3.6	43.8	2.5	199.
4.0	20.5	1465.4	650.0	9.0	-7.1	3.5	19.5	-1.2	-19.5	295.4	303.1	2.6	31.1	3.5	195.
4.9	23.0	1715.6	825.0	7.1	-5.9	359.3	17.8	0.2	-17.8	296.1	304.6	3.0	38.9	4.4	192.
5.8	25.5	1968.4	800.0	6.8	-13.7	355.0	16.1	1.4	-16.0	298.4	303.3	1.7	21.8	5.4	190.
6.8	28.2	2228.7	775.0	6.2	-16.3	340.6	15.8	3.7	-15.3	300.5	304.7	1.4	18.0	6.2	187.
7.9	30.7	2456.6	750.0	4.4	-18.0	341.4	16.2	5.2	-15.4	301.3	305.1	1.2	17.8	7.1	184.
8.9	33.2	2771.4	725.0	2.5	-14.0	320.8	14.1	7.7	-11.8	302.2	307.0	1.8	28.6	8.0	181.
9.7	35.7	3254.6	700.0	1.1	-8.3	301.6	12.6	10.8	-6.6	303.7	312.3	2.9	49.5	8.4	179.
10.6	38.7	3846.3	675.0	-1.1	-7.2	297.3	15.2	13.5	-7.0	304.4	314.1	3.3	63.2	8.8	173.
11.5	41.4	4456.6	650.0	-2.2	-4.6	280.6	17.7	17.0	-5.1	305.3	317.4	4.2	90.4	9.3	169.
12.5	44.3	5056.9	625.0	-4.4	-4.5	280.6	20.7	20.3	-3.8	307.4	320.2	4.4	99.6	9.8	162.
13.6	47.1	5677.5	600.0	-6.8	-7.5	284.2	24.5	23.8	-6.0	308.2	319.0	3.6	54.9	10.7	155.
14.9	50.1	6305.4	575.0	-8.2	-8.9	280.9	27.4	26.9	-5.2	310.4	320.5	3.4	94.3	11.9	148.
16.0	53.1	6932.5	550.0	-10.5	-11.4	282.8	30.1	29.6	-5.6	311.7	320.5	2.9	73.2	13.4	141.
17.3	56.3	7510.5	525.0	-13.0	-15.3	282.4	30.8	30.1	-6.6	312.6	319.7	2.2	82.9	15.2	136.
18.5	59.4	8088.9	500.0	-15.4	-16.8	279.3	29.5	29.1	-4.8	314.3	320.8	2.1	89.5	17.2	132.
19.8	62.6	8688.1	475.0	-16.7	-23.3	272.1	29.6	29.6	-1.1	317.2	321.3	1.2	56.4	19.1	129.
21.2	66.3	9272.0	450.0	-19.7	-26.3	269.8	32.7	32.7	0.1	318.5	321.7	1.0	55.4	21.1	123.
22.6	69.4	9854.9	425.0	-22.2	-30.6	271.2	33.4	33.4	-0.7	320.6	322.9	0.7	46.0	23.5	120.
24.0	73.0	10437.1	400.0	-26.2	-33.9	271.9	32.2	32.2	-1.1	320.9	322.0	0.5	48.2	26.1	117.
25.8	76.9	11020.3	375.0	-30.2	-38.2	270.6	33.1	32.8	-5.0	321.7	323.0	0.4	45.1	29.1	114.
27.6	80.7	11606.0	350.0	-33.0	-42.8	283.1	39.8	38.8	-9.0	324.2	325.2	0.2	36.9	33.1	113.
29.4	84.7	12190.9	325.0	-37.5	-44.2	285.0	43.3	41.8	-11.2	325.0	325.8	0.2	49.2	37.4	112.
31.3	88.9	12775.6	300.0	-42.4	-49.9	285.3	44.6	43.0	-11.8	325.7	325.9	99.9	999.9	42.5	111.
33.2	93.2	13360.3	275.0	-47.5	-55.9	286.2	45.8	44.0	-12.8	326.6	326.9	99.9	999.9	47.7	110.
35.6	97.8	13945.8	250.0	-52.6	-59.9	286.3	44.5	42.7	-12.5	327.6	327.9	99.9	999.9	54.1	110.
38.2	102.9	14530.2	225.0	-57.8	-64.9	286.7	46.2	44.7	-11.7	330.8	330.9	99.9	999.9	60.9	109.
40.9	108.2	15115.1	200.0	-58.1	-69.9	291.5	48.7	48.7	-10.2	339.3	339.9	99.9	999.9	68.9	109.
44.0	114.0	15700.3	175.0	-59.7	-74.9	286.5	36.9	35.4	-10.5	351.4	351.9	99.9	999.9	78.3	110.
47.6	120.3	16285.3	150.0	-62.6	-79.9	287.8	30.9	29.4	-9.4	362.2	362.9	99.9	999.9	84.3	109.
51.6	127.3	16870.9	125.0	-60.1	-84.9	285.2	25.8	24.7	-6.7	368.2	368.9	99.9	999.9	90.6	109.
54.8	135.3	17456.6	100.0	-57.0	-89.9	308.4	18.9	14.5	-11.5	417.5	417.9	99.9	999.9	98.5	109.
61.0	144.5	18041.8	75.0	-54.3	-94.9	336.1	6.7	2.7	-6.2	448.4	448.9	99.9	999.9	108.8	110.
71.3	154.5	20647.8	50.0	-54.7	-99.9	339.1	5.4	2.2	-5.5	509.4	509.9	99.9	999.9	103.4	110.
84.1	164.7	25157.6	25.0	-47.7	-99.9	296.1	5.1	4.6	-2.2	647.8	647.9	99.9	999.9	104.0	110.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

28 APRIL 1979
1100 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	SEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	MAX WTD CM/KG	RM PCT	PANCE K4	AZ DEG
0.0	17.0	1000.0	1001.0	15.0	-1.9	310.0	5.1	3.9	-3.3	299.3	310.1	3.0	30.0	0.0	0.0
05.9	97.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	97.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	17.6	1100.1	875.0	17.7	-2.3	297.5	8.9	7.9	-4.1	302.2	312.0	3.7	25.7	0.2	0.1
1.4	20.0	1400.1	850.0	21.5	-2.0	291.9	14.8	13.7	-5.5	308.7	320.1	3.9	20.6	1.0	114.
2.5	22.4	1607.2	825.0	20.4	-2.0	286.5	14.9	13.3	-6.4	310.2	321.4	3.8	20.6	2.0	116.
3.6	24.6	1931.7	800.0	18.6	-4.1	288.8	14.3	13.6	-4.6	311.2	321.8	3.5	20.7	3.0	115.
4.7	27.3	2202.7	775.0	16.5	-5.9	284.0	13.6	13.2	-3.3	311.2	321.1	3.2	20.0	3.9	112.
5.9	29.7	2400.0	750.0	13.9	-8.0	286.4	12.7	12.2	-3.4	311.7	320.1	2.8	21.0	4.8	111.
7.1	32.3	2704.1	725.0	11.3	-9.7	286.3	13.8	13.2	-3.9	311.4	320.6	2.5	21.8	5.8	110.
8.4	34.9	3055.8	700.0	9.2	-9.5	287.4	16.4	16.0	-3.5	312.7	320.8	2.7	29.4	7.0	110.
9.9	37.4	3355.9	675.0	6.8	-9.8	276.2	16.0	15.9	-1.2	313.2	321.5	2.7	29.4	8.3	108.
11.4	40.1	3664.0	650.0	4.0	-10.5	272.8	16.9	16.9	-0.8	313.2	321.6	2.7	33.9	9.8	105.
12.9	42.8	3981.4	625.0	1.5	-12.3	276.0	18.9	18.7	-2.6	316.1	321.5	2.4	35.0	11.4	104.
14.3	45.6	4308.7	600.0	-1.5	-13.9	279.9	17.1	16.0	-2.9	314.4	321.2	2.2	37.9	13.0	103.
15.6	48.3	4645.9	575.0	-4.5	-15.8	278.4	15.2	15.1	-2.2	314.7	320.0	1.9	40.7	14.4	103.
17.3	51.3	4954.2	550.0	-7.1	-18.6	259.2	11.0	10.8	2.1	315.6	320.7	1.6	38.6	15.5	102.
18.9	54.3	5355.2	525.0	-9.8	-22.0	243.3	13.0	11.6	5.8	316.7	320.7	1.2	35.9	16.4	100.
20.7	57.3	5738.3	500.0	-12.2	-24.8	230.0	14.1	11.4	8.3	318.2	321.6	1.0	34.1	17.5	97.
22.5	60.4	6120.4	475.0	-15.5	-26.3	249.3	11.8	11.0	4.2	318.4	321.9	0.9	38.6	18.7	94.
24.7	63.6	6526.5	450.0	-18.1	-32.6	274.6	10.9	10.9	-0.9	320.2	322.3	0.5	26.0	20.1	93.
26.9	65.3	6950.6	425.0	-21.7	-30.3	290.2	12.2	11.5	-4.2	321.2	322.6	0.4	25.0	21.4	94.
29.0	70.3	7353.8	400.0	-25.9	-36.0	287.8	14.5	13.8	-4.4	321.3	323.2	0.5	47.3	23.1	95.
31.0	73.8	7857.4	375.0	-29.9	-34.0	284.2	16.4	15.9	-4.0	322.0	324.0	0.6	67.1	24.9	91.
33.2	77.4	8344.7	350.0	-34.1	-37.5	274.6	19.5	19.4	-1.6	322.4	324.3	0.4	71.0	27.1	96.
35.3	81.2	8856.3	325.0	-38.4	-41.8	272.7	21.4	21.4	-1.0	323.2	324.8	0.3	69.6	29.8	96.
37.9	85.2	9402.4	300.0	-43.6	-59.9	279.7	23.1	22.8	-3.9	324.0	324.8	99.9	99.9	33.1	94.
40.5	89.3	9983.5	275.0	-48.2	99.9	278.1	29.0	28.8	-4.1	325.4	325.4	99.9	99.9	37.3	94.
43.2	93.7	10604.3	250.0	-53.6	99.9	280.2	29.3	29.3	-5.3	326.4	326.4	99.9	99.9	42.2	96.
45.5	98.2	11271.5	225.0	-58.5	99.9	295.8	26.7	24.0	-11.6	327.3	327.3	99.9	99.9	45.8	97.
49.0	103.0	12006.4	200.0	-59.5	99.9	306.6	30.8	24.7	-18.3	328.2	328.2	99.9	99.9	51.3	100.
53.0	108.3	12837.7	175.0	-62.2	99.9	304.3	30.4	25.1	-17.1	345.7	345.7	99.9	99.9	54.0	104.
57.0	114.0	13778.9	150.0	-65.7	99.9	291.2	31.5	29.4	-11.4	356.5	356.5	99.9	99.9	58.2	105.
62.0	120.3	14656.0	125.0	-62.0	99.9	294.8	27.9	25.2	-13.6	362.8	362.8	99.9	99.9	63.0	106.
67.4	127.0	16274.3	100.0	-59.0	99.9	288.8	12.6	12.1	-3.2	413.7	413.7	99.9	99.9	74.6	104.
74.4	134.6	18083.5	75.0	-57.4	99.9	330.9	8.4	4.1	-7.3	452.4	452.4	99.9	99.9	84.5	107.
83.9	143.7	20624.8	50.0	-55.1	99.9	314.3	6.1	4.4	-4.3	504.3	504.3	99.9	99.9	88.5	107.
99.3	153.5	25097.0	25.0	-47.7	99.9	999.9	99.9	99.9	99.9	647.8	647.8	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEXAS

 25 APRIL 1979
 1400 GMT

TIME MIN	CNCT	HEIGHT GSM	PRES MB	TEMP DE C	DEW PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV 1 DE K	E POT Y DE K	RI RTO GMS	RH PCP	143	13. 0
0-0	14.4	1090.0	883.9	14-1	-1-3	360.0	0-2	9-0	-8-2	290-7	311.0	4-0	31.0	0-0	0-0
0-9	92.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0-9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1-0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1-9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2-0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2-9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3-0	17.2	1179.9	875.0	15-1	-0-0	0-7	13.9	-1-0	-13-0	290.2	311.1	4-1	31.5	0-3	177.0
3-9	19.5	1420.9	850.0	13-7	2-9	1-0	12.3	-0-2	-12-3	300.2	310.1	5-0	40.0	0-9	103.0
4-0	21.0	1676.9	825.0	15-3	-3-9	335.0	9-1	3-9	-0-2	304.7	315.0	5-0	40.0	0-9	103.0
4-9	20.1	1937.6	800.0	15-0	-7-0	320.0	8-2	5-2	-6-3	300.0	314.0	2-0	20.1	2-0	100.0
5-0	23.0	2200.5	775.0	14-9	-0-3	300.0	7-6	6-5	-3-9	300.0	317.0	2-0	19.3	2-3	103.0
5-9	31.2	2452.6	750.0	12-8	-0-9	204.7	7-7	7-0	-1-0	310.5	317.0	2-0	19.4	2-6	156.0
6-0	33.7	3056.5	700.0	10-5	-11-2	273.6	8-1	8-1	-0-5	311.6	317.5	2-0	20.6	3-1	141.0
6-9	36.2	3354.8	675.0	8-0	-13-2	256.3	7-1	7-9	-0-5	311.6	317.5	2-0	20.6	3-1	141.0
7-0	39.7	3681.9	650.0	5-3	-13-1	261.7	13-1	9-9	1-0	311.6	318.0	2-1	20.9	3-3	134.0
7-9	41.3	3977.7	625.0	2-8	-13-6	263.2	11-0	12-9	1-5	312.2	319.0	2-0	28.4	3-7	127.0
8-0	43.9	4303.2	600.0	0-1	-13-9	264.2	14-3	10-6	1-5	312.6	319.0	2-1	33.9	4-0	119.0
8-9	45.5	4636.6	575.0	-2-6	-15-2	266.7	13-5	13-5	0-0	313.2	319.2	2-2	37.0	5-1	113.0
9-0	49.3	4968.7	550.0	-4-4	-10-5	259.4	11-0	11-2	2-1	314.6	319.7	1-5	32.3	5-9	110.0
9-9	52.1	5351.3	525.0	-5-9	-21-0	250.2	11-0	10-4	2-7	317.1	321.4	1-3	29.0	6-6	105.0
10-0	50.9	5727.6	500.0	-8-7	-22-2	253.4	11-9	10-6	0-3	319.0	322.0	1-2	33.7	7-4	101.0
10-9	57.0	6118.0	475.0	-11-5	-24.3	260.4	11-9	11-9	-1-7	319.1	322.6	1-0	42.5	8-4	98.0
11-0	60.9	6520.1	450.0	-15.2	-25.1	277.8	12-6	12-5	-2-3	319.4	323.4	1-1	53.8	9-4	98.0
11-9	64.0	6977.1	425.0	-18.5	-25.6	270.2	14-2	14-0	-7-9	321.2	323.7	0-7	60.6	12-0	100.0
12-0	67.1	7305.2	400.0	-20.9	-31.2	301.3	15-0	14-2	-10-9	322.5	323.7	0-5	60.1	13-0	102.0
12-9	70.5	7652.7	375.0	-25.9	-32.0	308.8	13-0	13-0	-9-0	322.0	323.7	0-2	26.1	15-1	105.0
13-0	73.0	8135.6	350.0	-30.0	-37.0	312.3	10-3	11-0	-10-4	322.0	323.7	0-1	27.9	16-4	107.0
13-9	77.6	8553.2	325.0	-35.1	-40.6	312.3	15-3	12-0	-12-0	324.3	329.9	99.0	99.0	18-3	110.0
14-0	81.3	9056.8	300.0	-40.3	-45.9	306.0	21-7	17-6	-12-0	326.1	329.9	99.0	99.0	21-0	112.0
14-9	85.2	9577.4	275.0	-47.7	-50.9	310.3	36.1	27.5	-23-4	327.0	329.9	99.0	99.0	20-0	117.0
15-0	88.2	10055.9	250.0	-52.8	-55.9	315.4	43.5	30.5	-31-0	327.0	329.9	99.0	99.0	31-0	119.0
15-9	91.6	11272.1	225.0	-58.1	-59.9	309.5	46.5	35.9	-29-6	329.5	329.9	99.0	99.0	37-5	121.0
16-0	94.2	12011.1	200.0	-57.1	-59.9	305.6	39.5	32.1	-23-0	342.4	329.9	99.0	99.0	44-0	121.0
16-9	103.3	12955.4	175.0	-61.0	-59.9	305.6	44.1	35.0	-25-0	349.2	329.9	99.0	99.0	50-0	122.0
17-0	108.0	13791.9	150.0	-60.1	-59.9	293.4	27.0	25.5	-11-0	356.2	329.9	99.0	99.0	55-3	120.0
17-9	114.0	14907.4	125.0	-61.5	-59.9	290.8	24.2	22.6	-8-0	383.7	329.9	99.0	99.0	59-0	119.0
18-0	121.0	16293.0	100.0	-59.0	-59.9	290.4	14.9	13.9	-5-2	413.0	329.9	99.0	99.0	63-0	120.0
18-9	130.0	18102.3	75.0	-57.7	-59.9	324.0	8.5	4.0	-0-9	451.6	329.9	99.0	99.0	65-7	120.0
19-0	139.7	20453.2	50.0	-56.2	-59.9	218.9	7.3	4.0	99.0	451.6	329.9	99.0	99.0	69-3	121.0
19-9	152.0	25149.1	25.0	-50.0	-59.9	99.0	59.0	99.0	99.0	451.6	329.9	99.0	99.0	69-3	121.0

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

28 APRIL 1979
1700 GMT

TIME MIN	CATCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	S POT T DEG K	MR RTD G/MG	MR ACT	139 DEG	200 DEG
0.0	16.2	1099.0	886.0	17.2	7.0	10.0	13.9	-2.4	-13.7	300.2	321.2	7.5	24.0	0.0	0.0
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.0	17.3	1200.2	875.0	15.5	7.4	7.7	10.9	-2.5	-10.7	299.4	320.4	7.5	24.2	0.0	0.0
06.0	19.6	1482.0	850.0	12.7	6.5	7.7	10.9	-2.3	-17.4	299.4	310.4	7.1	24.2	0.0	0.0
07.0	21.9	1782.0	825.0	9.9	5.9	7.9	10.2	-2.1	-15.1	299.0	310.0	7.1	24.2	0.0	0.0
08.0	24.3	1957.6	800.0	7.4	4.8	4.1	12.6	-0.9	-12.6	299.1	317.7	6.0	24.2	0.0	0.0
09.0	26.7	2221.3	775.0	11.4	-0.3	35.6	7.0	3.1	-6.7	306.3	317.7	6.0	24.2	0.0	0.0
10.0	29.2	2456.4	750.0	12.9	-10.3	292.2	4.5	4.2	-1.7	310.2	318.9	6.9	24.2	0.0	0.0
11.0	31.6	2779.7	725.0	10.7	-13.0	267.0	3.0	3.0	0.1	311.2	316.9	1.7	24.2	0.0	0.0
12.0	34.1	3070.4	700.0	8.3	-14.4	243.0	5.4	5.3	0.6	311.2	317.2	1.0	24.2	0.0	0.0
13.0	36.7	3369.4	675.0	4.0	-16.2	201.4	6.0	5.9	-1.2	312.4	317.5	1.0	24.2	0.0	0.0
14.0	39.3	3677.2	650.0	3.0	-18.4	208.4	8.5	8.3	-1.5	313.4	318.5	1.6	24.2	0.0	0.0
15.0	42.0	3953.9	625.0	0.0	-17.6	201.5	6.1	6.0	-1.2	313.4	318.5	1.5	24.2	0.0	0.0
16.0	44.7	4200.0	600.0	-1.2	-17.0	204.0	7.0	6.0	0.6	314.7	319.7	1.5	24.2	0.0	0.0
17.0	47.4	4458.9	575.0	-3.4	-19.3	209.0	8.0	8.0	0.0	316.1	320.7	1.4	24.2	0.0	0.0
18.0	50.1	4700.0	550.0	-5.5	-21.9	209.0	11.5	11.4	-1.0	317.6	321.5	1.2	24.2	0.0	0.0
19.0	52.8	4950.0	525.0	-8.3	-23.5	209.0	13.1	13.1	0.4	318.5	322.1	1.1	24.2	0.0	0.0
20.0	55.0	5140.2	500.0	-11.4	-25.9	201.9	15.0	15.6	2.2	319.1	322.9	1.1	24.2	0.0	0.0
21.0	57.0	5346.3	475.0	-14.1	-27.9	259.4	17.5	17.2	3.2	320.2	323.3	0.2	24.2	0.0	0.0
22.0	59.0	5546.3	450.0	-16.9	-30.5	259.0	19.0	19.4	1.9	321.0	323.3	0.2	24.2	0.0	0.0
23.0	61.0	5744.1	425.0	-20.6	-33.1	282.7	14.9	14.0	-0.4	322.0	323.3	0.2	24.2	0.0	0.0
24.0	63.0	5940.1	400.0	-24.3	-35.7	271.9	17.0	17.0	-0.6	323.4	324.0	0.2	24.2	0.0	0.0
25.0	65.0	6140.2	375.0	-28.7	-38.9	275.4	20.3	20.2	-1.0	323.7	324.1	0.1	24.2	0.0	0.0
26.0	67.0	6346.3	350.0	-31.0	-41.9	275.4	24.0	23.8	-2.9	325.2	325.4	0.1	24.2	0.0	0.0
27.0	69.0	6546.3	325.0	-37.4	-46.0	257.4	30.5	25.0	-9.3	326.2	325.4	0.1	24.2	0.0	0.0
28.0	71.0	6744.1	300.0	-41.6	-49.9	285.0	27.5	25.0	-10.2	326.4	325.4	0.1	24.2	0.0	0.0
29.0	73.0	6940.1	275.0	-46.2	-54.0	257.4	30.5	27.4	-10.2	326.4	325.4	0.1	24.2	0.0	0.0
30.0	75.0	7140.2	250.0	-51.0	-59.9	299.3	34.7	27.4	-10.2	326.4	325.4	0.1	24.2	0.0	0.0
31.0	77.0	7346.3	225.0	-57.0	-64.0	299.3	34.7	30.3	-17.0	329.4	329.4	0.1	24.2	0.0	0.0
32.0	79.0	7546.3	200.0	-59.9	-69.9	299.3	34.7	30.3	-16.7	329.4	329.4	0.1	24.2	0.0	0.0
33.0	81.0	7744.1	175.0	-61.3	-74.0	299.3	34.7	30.3	-17.3	337.9	337.9	0.1	24.2	0.0	0.0
34.0	83.0	7940.1	150.0	-63.7	-79.9	299.3	34.7	30.3	-21.2	348.0	348.0	0.1	24.2	0.0	0.0
35.0	85.0	8140.2	125.0	-68.1	-84.0	299.3	34.7	30.3	-21.2	360.3	360.3	0.1	24.2	0.0	0.0
36.0	87.0	8346.3	100.0	-74.0	-89.9	311.0	13.9	10.5	-0.1	415.5	415.5	0.1	24.2	0.0	0.0
37.0	89.0	8546.3	75.0	-78.1	-94.0	324.9	5.6	3.4	-4.8	451.2	451.2	0.1	24.2	0.0	0.0
38.0	91.0	8744.1	50.0	-84.0	-99.9	259.0	4.6	4.0	0.7	516.4	516.4	0.1	24.2	0.0	0.0
39.0	93.0	8940.1	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 363
AMARILLO, TEXAS25 APRIL 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	16.0	1094.0	287.0	18.9	7.4	30.0	12.4	-6.2	-10.7	302.2	322.4	7.3	47.0	0.0	0.
5.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	17.1	1210.2	850.0	15.1	5.4	23.4	14.4	-5.7	-13.2	299.5	317.3	6.5	52.3	0.4	203.
1.2	19.4	1454.9	825.0	12.3	4.6	20.6	14.3	-5.1	-13.4	299.1	316.6	6.4	60.9	1.0	203.
2.1	21.5	1704.5	800.0	10.2	4.6	15.3	14.3	-3.8	-13.6	299.4	317.1	6.5	68.2	1.8	201.
3.3	23.9	1955.7	800.0	7.8	4.3	9.5	13.8	-2.3	-13.6	299.4	317.5	6.6	78.9	2.7	198.
4.2	26.2	2220.9	775.0	6.3	1.8	2.7	12.1	-0.6	-12.1	300.6	316.3	5.6	72.7	3.5	198.
5.1	28.6	2491.3	750.0	5.6	-3.3	323.1	7.0	4.2	-5.6	305.5	317.7	4.1	43.5	4.0	193.
6.2	31.0	2771.8	725.0	5.1	-9.8	272.3	5.4	5.4	-0.2	309.5	317.1	2.5	25.1	4.1	188.
7.2	33.4	3061.3	700.0	6.9	-11.6	267.9	6.0	6.0	0.2	310.2	317.0	2.2	25.2	4.0	183.
8.3	35.9	3355.8	675.0	4.8	-13.4	268.4	5.9	5.9	0.2	311.0	317.2	2.0	25.3	4.0	177.
9.4	38.4	3655.6	650.0	2.9	-14.6	274.6	5.4	5.3	-0.4	312.2	318.1	1.9	26.2	4.0	172.
10.4	40.9	3981.6	625.0	0.5	-16.1	282.6	7.5	7.3	-1.6	313.0	318.5	1.7	27.5	4.1	168.
11.6	43.5	4307.8	600.0	-1.6	-17.5	286.7	10.1	9.6	-2.9	315.2	319.7	1.2	28.5	4.2	162.
12.8	46.2	4685.2	575.0	-3.6	-21.4	286.7	10.1	9.6	-2.9	315.2	319.7	1.2	28.5	4.2	158.
14.0	48.9	4954.4	550.0	-6.5	-22.2	278.5	14.0	13.8	-2.1	316.2	320.2	1.2	27.5	5.2	148.
15.3	51.7	5356.4	525.0	-8.9	-25.4	275.5	17.5	17.4	-1.7	317.7	320.7	0.9	24.7	6.0	139.
16.6	54.4	5731.9	500.0	-12.3	-25.9	274.2	18.9	18.8	-1.4	318.1	321.1	0.9	31.1	7.1	131.
17.9	57.4	6121.9	475.0	-14.8	-27.8	277.3	19.7	19.6	-2.5	319.7	322.4	0.8	32.0	8.4	125.
19.2	60.4	6529.5	450.0	-17.1	-33.6	279.7	20.7	20.4	-3.5	321.2	323.5	0.5	22.1	9.9	121.
20.6	63.4	6953.6	425.0	-20.2	-37.3	280.2	22.3	22.0	-3.9	321.8	324.4	0.4	19.9	11.6	119.
22.2	66.6	7402.0	400.0	-23.8	-41.0	275.0	21.7	21.6	-1.9	324.1	325.1	0.3	18.6	13.6	115.
23.6	70.0	7869.1	375.0	-28.2	-42.8	272.7	21.2	21.2	-1.0	324.2	325.6	0.2	23.1	15.6	112.
25.0	73.4	8355.9	350.0	-32.5	-44.8	282.1	24.6	24.1	-5.2	324.5	325.6	0.2	28.0	17.7	110.
27.3	77.0	8877.2	325.0	-37.2	-45.8	291.4	28.9	26.9	-10.6	325.4	326.1	0.2	40.8	20.5	109.
29.1	80.7	9428.5	300.0	-41.4	-49.9	297.9	36.8	32.5	-17.2	327.0	329.9	0.9	99.9	23.9	110.
31.1	84.5	10011.4	275.0	-45.2	-59.9	299.8	43.4	37.7	-21.6	329.7	330.7	0.9	99.9	28.8	112.
33.2	88.7	10639.4	250.0	-50.9	-59.9	297.4	47.2	41.8	-21.7	330.4	330.9	0.9	99.9	34.6	112.
35.3	93.0	11316.3	225.0	-56.6	-59.9	299.5	46.6	40.6	-22.9	331.7	331.7	0.9	99.9	40.5	115.
37.7	97.6	12052.5	200.0	-62.6	-59.9	296.5	44.3	39.6	-19.7	333.7	333.7	0.9	99.9	47.0	115.
40.2	102.6	12872.8	175.0	-63.5	-59.9	293.0	53.0	48.8	-20.7	349.2	349.2	0.9	99.9	54.3	115.
42.9	109.0	12921.1	150.0	-64.6	-59.9	299.4	38.3	33.4	-18.8	358.2	358.2	0.9	99.9	62.0	115.
46.4	114.0	14945.7	125.0	-61.3	-59.9	299.4	25.2	21.9	-12.3	384.8	384.8	0.9	99.9	68.0	115.
50.6	121.0	16328.4	100.0	-59.5	-59.9	301.9	13.7	11.7	-7.2	412.7	412.7	0.9	99.9	72.8	115.
56.0	129.0	18134.4	75.0	-59.0	-59.9	336.2	6.9	2.8	-6.3	449.2	449.2	0.9	99.9	75.3	115.
63.2	139.0	20685.4	50.0	-56.8	-59.9	48.9	4.2	-3.2	-2.8	509.2	509.2	0.9	99.9	75.9	117.
73.6	150.5	25158.3	25.0	-48.3	-59.9	189.1	6.4	1.0	6.3	666.8	666.8	0.9	99.9	76.9	116.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
 AMARILLO, TEXAS

 28 APRIL 1979
 2300 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	MX RTO GMS/KG	RM PCT	RANGE KM	AZ DG
0.0	16.9	1094.0	887.2	18.3	6.2	30.0	11.8	-3.9	-10.2	301.6	320.2	6.7	43.0	0.0	0.
59.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	475.0	16.9	7.0	37.5	13.1	-11.1	-7.1	301.3	321.3	7.2	52.1	0.4	159.
3.2	18.1	1212.4	875.0	16.9	5.3	31.7	12.1	-9.5	-7.5	300.7	319.0	6.6	56.2	0.5	182.
3.7	23.5	1458.6	850.0	13.9	4.1	23.5	10.1	-9.0	-9.3	300.7	318.0	6.3	60.9	0.9	199.
1.5	22.9	1708.3	825.0	11.4	4.1	23.5	10.1	-9.0	-9.3	300.7	318.0	6.3	60.9	1.3	199.
2.3	25.4	1965.6	800.0	8.7	3.3	16.4	8.9	-2.8	-8.5	300.2	317.4	5.9	68.9	1.8	199.
3.2	27.9	2227.7	775.0	6.7	2.3	5.1	8.0	-0.7	-7.9	301.8	317.4	5.9	73.5	2.1	199.
4.0	30.5	2498.0	750.0	8.7	-2.5	326.2	7.4	4.1	-6.2	306.6	318.5	4.3	46.8	2.1	193.
4.9	33.1	2772.7	725.0	8.5	-7.8	304.7	6.1	6.6	-6.6	308.6	317.6	2.9	30.8	2.4	183.
5.8	35.7	3068.1	700.0	6.9	-8.5	291.8	6.3	5.9	-2.3	318.1	318.8	2.9	32.8	2.5	175.
6.7	38.1	3365.3	675.0	4.1	-9.8	285.0	7.8	6.7	-1.8	310.3	318.6	2.8	36.3	2.7	169.
7.7	41.1	3670.8	650.0	1.7	-11.8	281.0	7.8	7.7	-1.5	310.6	318.2	2.4	35.7	2.9	160.
8.6	43.9	3992.0	625.0	-0.3	-13.2	285.5	6.6	6.4	-1.6	312.1	319.0	2.2	37.1	3.2	153.
9.9	46.8	4318.8	600.0	-3.6	-15.5	287.7	7.0	7.0	0.3	312.0	317.9	1.9	39.1	3.4	148.
11.0	49.6	4645.0	575.0	-5.5	-16.4	285.2	11.7	11.7	1.0	313.6	319.4	1.8	41.6	3.7	140.
12.2	52.6	4993.4	550.0	-8.0	-19.6	289.3	15.3	15.3	0.2	314.6	319.3	1.5	39.4	4.4	129.
13.4	55.6	5353.0	525.0	-11.0	-20.9	273.5	16.9	16.9	-1.6	315.3	319.7	1.4	43.7	5.5	121.
14.8	58.8	5726.1	500.0	-13.3	-23.3	274.0	17.8	17.8	-1.3	316.2	320.6	1.2	42.6	6.7	116.
16.1	61.9	6119.0	475.0	-15.9	-26.1	281.1	15.6	19.2	-3.8	318.3	321.4	0.9	41.0	8.1	112.
17.5	65.1	6528.9	450.0	-17.7	-27.3	286.1	20.7	19.9	-5.7	321.0	324.0	0.9	42.0	9.8	111.
19.0	69.6	6946.9	425.0	-20.5	-29.0	282.6	23.4	22.9	-5.1	322.8	325.5	0.8	46.1	11.8	110.
20.4	72.0	7392.6	400.0	-24.0	-32.9	281.4	27.5	26.9	-5.4	323.8	325.8	0.6	43.3	13.9	109.
21.8	75.6	7859.6	375.0	-28.1	-34.4	283.9	30.5	29.6	-7.4	324.4	326.3	0.5	54.6	16.3	108.
23.4	79.3	8351.4	350.0	-31.3	-38.1	287.5	36.3	34.6	-10.9	326.2	328.6	0.4	50.7	19.5	107.
25.1	83.2	8871.8	325.0	-35.7	-43.8	289.8	36.2	34.1	-12.3	327.4	329.3	0.2	63.0	23.2	108.
26.9	87.2	9423.1	300.0	-40.6	-49.9	292.8	39.7	36.6	-15.4	328.2	329.2	99.9	99.9	27.2	108.
28.9	91.5	10009.9	275.0	-45.2	-59.9	291.9	42.8	39.7	-16.0	329.2	329.9	99.9	99.9	32.2	109.
30.8	95.8	10635.2	250.0	-50.2	-69.9	293.3	42.6	39.2	-16.8	331.4	329.9	99.9	99.9	37.2	109.
32.9	100.6	11316.3	225.0	-56.7	-79.9	298.1	41.2	37.0	-18.1	331.6	329.9	99.9	99.9	42.5	110.
35.3	105.8	12056.2	200.0	-60.4	-89.9	287.8	43.3	41.2	-13.2	337.1	329.9	99.9	99.9	48.1	110.
37.9	111.2	12881.2	175.0	-62.7	-99.9	293.7	53.4	48.9	-21.5	346.2	329.9	99.9	99.9	55.8	110.
40.4	117.0	13830.5	150.0	-64.2	-99.9	297.6	42.7	37.1	-21.1	350.4	329.9	99.9	99.9	63.3	111.
43.9	123.7	14955.3	125.0	-62.0	-99.9	298.1	28.9	25.3	-14.0	362.7	329.9	99.9	99.9	71.1	112.
46.2	131.0	16339.1	100.0	-59.6	-99.9	326.4	17.5	9.2	-14.9	412.6	329.9	99.9	99.9	75.8	112.
51.3	139.5	18146.9	75.0	-57.8	-99.9	355.3	8.0	7.8	-2.8	451.8	329.9	99.9	99.9	78.4	112.
60.2	149.0	20544.8	50.0	-48.4	-99.9	342.0	3.7	1.1	-3.8	506.0	329.9	99.9	99.9	80.0	113.
70.6	159.5	25182.4	25.0	-48.0	-99.9	201.8	4.1	1.5	3.8	652.7	329.9	99.9	99.9	80.9	113.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEXAS

 26 APRIL 1979
 500 GPT

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV 1 DG M	E POT 1 DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.6	1094.0	891.5	6.9	3.9	50.0	5.1	-3.9	-3.3	291.2	306.8	5.7	71.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	17.1	1245.4	875.0	9.7	2.7	51.6	13.2	-10.4	-8.2	293.5	308.4	5.3	61.7	0.3	233.
1.3	19.4	1488.9	850.0	8.9	1.3	41.9	13.6	-8.7	-9.7	295.4	309.0	5.0	59.0	0.9	230.
2.3	21.6	1737.2	825.0	9.0	-4.3	36.3	11.9	-7.1	-9.6	298.1	307.7	3.4	38.7	1.6	225.
3.3	24.0	1951.6	800.0	7.7	-1.3	30.6	9.8	-5.0	-8.4	299.3	311.5	4.3	52.8	2.3	221.
4.3	25.4	2253.0	775.0	6.7	-3.0	21.2	8.5	-2.3	-6.0	301.0	312.3	4.0	50.0	2.8	219.
5.2	24.8	2521.6	750.0	5.4	-2.1	352.8	4.9	0.6	-4.9	302.4	314.9	4.4	58.4	3.1	217.
6.2	31.2	2798.0	725.0	3.9	-2.0	305.0	6.9	5.7	-3.9	303.7	316.8	4.6	65.4	3.2	212.
7.2	33.7	3083.1	700.0	2.6	-1.4	285.4	9.9	9.1	-2.7	305.4	319.5	4.9	75.0	3.1	202.
8.1	36.2	3376.9	675.0	1.1	-1.6	278.8	12.6	11.8	-1.6	306.9	321.5	5.1	82.3	3.0	192.
9.1	38.8	3688.1	650.0	-0.6	-3.7	281.5	15.2	14.9	-3.0	308.3	321.3	4.5	79.5	3.6	160.
10.2	41.4	3952.9	625.0	-2.2	-5.8	281.2	19.6	19.2	-3.8	310.0	321.7	4.0	76.5	3.6	160.
11.2	44.1	4316.4	600.0	-4.3	-8.2	278.1	23.2	23.0	-3.3	311.1	321.4	3.4	74.5	4.5	144.
12.3	46.8	4650.7	575.0	-7.0	-8.5	273.8	24.9	24.9	-1.6	311.2	322.3	3.5	69.3	5.6	132.
13.5	49.6	4956.5	550.0	-6.5	-10.6	274.1	26.4	26.4	-1.9	312.6	322.3	3.1	91.9	7.1	123.
14.4	52.3	5354.5	525.0	-12.3	-12.8	270.8	26.5	26.2	-4.1	313.7	322.0	2.7	95.8	8.5	118.
15.8	55.3	5726.1	500.0	-14.6	-15.8	280.6	25.4	24.7	-6.0	315.2	322.2	2.2	79.2	10.5	115.
17.2	58.3	6113.2	475.0	-17.1	-19.8	285.7	25.2	24.2	-6.8	316.2	322.1	1.7	79.2	12.6	113.
18.5	61.4	6516.8	450.0	-20.0	-23.6	287.1	24.7	23.6	-7.2	318.1	322.2	1.3	72.8	14.6	112.
19.9	64.5	6938.3	425.0	-22.3	-26.9	288.5	25.3	24.0	-8.1	319.2	322.5	1.0	72.2	16.7	112.
21.5	67.0	7379.1	400.0	-26.5	-31.9	290.5	28.7	26.8	-10.1	320.4	322.8	0.7	60.0	19.2	111.
23.1	71.1	7842.9	375.0	-29.4	-35.8	289.1	30.9	29.2	-10.1	322.7	324.4	0.5	53.3	22.0	111.
24.7	74.7	8331.3	350.0	-33.7	-40.3	289.9	32.3	31.2	-9.5	325.0	325.5	0.1	25.6	28.4	110.
25.3	76.3	8847.1	325.0	-37.5	-49.9	285.3	33.9	32.6	-11.4	326.4	326.4	99.9	99.9	36.5	110.
29.3	82.2	9355.0	300.0	-41.8	-59.9	289.5	34.1	32.1	-12.1	326.7	326.7	99.9	99.9	36.5	110.
30.2	86.2	9977.9	275.0	-47.3	-69.9	289.0	37.2	35.2	-13.0	329.6	329.6	99.9	99.9	41.2	109.
32.3	90.3	10601.4	250.0	-52.1	-79.9	286.2	39.3	37.7	-16.9	335.2	335.2	99.9	99.9	46.8	109.
34.6	94.8	11274.8	225.0	-57.9	-89.9	287.2	44.0	42.0	-22.9	349.9	349.9	99.9	99.9	53.7	109.
37.0	99.6	12010.5	200.0	-61.6	-99.9	288.8	52.3	45.5	-14.7	360.6	360.6	99.9	99.9	70.3	111.
39.8	104.8	12837.7	175.0	-60.6	-99.9	293.7	46.2	40.1	-6.0	381.3	381.3	99.9	99.9	78.5	110.
42.9	110.4	13793.5	150.0	-63.6	-99.9	293.6	36.6	33.6	-3.8	404.2	404.2	99.9	99.9	81.2	110.
46.5	116.8	14914.5	125.0	-62.0	-99.9	287.6	19.9	15.9	-8.3	447.9	447.9	99.9	99.9	84.9	110.
50.9	124.0	16290.6	100.0	-63.9	-99.9	283.3	16.3	4.2	-2.6	905.9	905.9	99.9	99.9	85.0	111.
56.3	132.3	18083.2	75.0	-59.6	-99.9	333.2	9.3	5.5	99.9	639.1	639.1	99.9	99.9	85.1	112.
64.2	143.0	20617.3	50.0	-52.4	-99.9	244.6	6.1	99.9	99.9						
76.3	156.5	25069.6	25.0	-50.7	-99.9	99.9	99.9	99.9	99.9						

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
ANARILLO, TEXAS

26 APRIL 1979
800 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK W/O CM/KG	RH PCT	RANGE KM	AZ DG
0.3	17.0	1094.0	891.0	5.8	1.9	40.0	3.1	-2.0	-2.4	292.2	305.9	5.0	58.0	0.0	0.
5.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.9	90.9	90.9	950.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	97.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	19.6	1244.8	875.0	9.0	2.5	29.8	7.1	-3.5	-6.1	298.1	308.4	5.3	59.9	8.2	210.
1.4	21.1	1485.9	850.0	10.0	-1.6	29.7	10.5	-5.2	-9.2	298.6	307.7	4.0	43.9	0.6	208.
2.3	23.6	1734.2	825.0	5.7	-5.7	35.2	12.9	-7.5	-10.6	298.8	307.5	3.0	31.2	1.3	211.
3.3	26.1	1928.5	800.0	7.8	-5.1	39.5	11.0	-7.0	-8.5	299.2	308.9	3.3	39.8	2.1	213.
4.3	28.7	2249.5	775.0	5.9	-1.7	28.3	6.8	-3.2	-6.0	300.2	312.5	4.4	58.3	2.6	214.
5.2	31.3	2517.9	750.0	5.3	-1.5	344.3	4.3	1.2	-4.1	302.4	315.4	4.6	61.2	2.9	212.
4.2	33.9	2754.4	725.0	3.8	0.0	311.0	6.7	5.1	-4.4	303.6	318.7	5.3	76.3	2.9	208.
7.1	36.6	3078.9	700.0	1.8	-0.7	305.8	10.9	8.8	-6.4	304.5	319.4	5.2	83.3	3.1	198.
1.1	39.3	3371.3	675.0	-0.6	-1.6	299.9	13.0	11.3	-6.5	305.0	319.4	5.1	93.2	3.3	186.
5.2	42.1	3672.7	650.0	-2.0	-2.3	286.1	15.5	14.9	-4.3	306.7	321.1	5.0	97.9	3.7	172.
1.3	45.3	3984.1	625.0	-3.8	-3.8	275.5	17.5	17.5	-1.7	308.2	321.7	4.6	99.8	4.2	159.
1.3	47.9	4305.6	600.0	-6.4	-6.5	275.0	20.2	20.1	-1.7	308.7	320.3	3.9	99.4	4.8	145.
1.5	50.9	4638.0	575.0	-8.0	-8.4	277.2	24.5	24.3	-3.1	310.7	321.2	3.5	96.6	5.9	134.
1.5	53.9	4982.9	550.0	-9.5	-10.3	278.1	25.8	25.5	-3.7	312.6	322.4	3.2	93.8	7.4	126.
1.8	56.9	5341.0	525.0	-12.2	-12.9	283.3	26.1	25.4	-6.0	313.6	322.0	2.7	94.4	9.1	121.
1.1	60.0	5712.7	500.0	-14.6	-16.3	285.0	25.9	25.0	-6.7	315.2	322.0	2.1	86.3	11.0	118.
1.4	63.3	6099.7	475.0	-17.4	-21.1	282.0	25.9	25.3	-5.4	316.5	321.2	1.5	72.5	13.0	116.
1.8	65.5	6502.7	450.0	-20.5	-23.7	279.4	26.1	25.8	-4.3	317.2	321.6	1.2	75.4	15.1	114.
2.2	70.0	6923.0	425.0	-23.6	-26.2	280.8	27.4	26.9	-5.1	318.7	322.2	1.0	79.1	17.3	112.
2.5	73.6	7364.5	400.0	-26.0	-30.6	281.3	29.7	29.1	-5.8	321.2	323.7	0.7	63.5	20.1	110.
2.6	77.2	7928.2	375.0	-30.0	-30.8	276.9	31.9	31.6	-3.8	321.9	324.5	0.8	92.6	23.2	109.
2.5	81.0	8315.9	350.0	-33.4	-42.8	280.9	32.9	32.3	-6.2	323.7	324.6	0.2	38.1	26.6	107.
2.7	84.9	8832.1	325.0	-37.4	-49.9	286.4	34.0	32.6	-9.6	325.1	325.5	0.1	25.5	30.4	107.
2.5	89.3	9379.7	300.0	-41.7	-49.9	291.0	38.7	36.2	-13.9	326.4	999.9	99.9	99.9	35.2	107.
3.1	93.3	9963.5	275.0	-46.8	99.9	292.1	40.6	37.6	-15.3	327.4	999.9	99.9	99.9	40.8	108.
3.1	97.8	10527.3	250.0	-52.2	99.9	289.9	44.2	41.5	-15.0	328.5	999.9	99.9	99.9	46.3	108.
3.6	102.6	11261.7	225.0	-56.5	99.9	288.0	48.6	46.2	-15.0	331.5	999.9	99.9	99.9	53.3	108.
3.9	107.8	12002.0	200.0	-58.7	99.9	285.6	56.8	54.7	-15.3	335.6	999.9	99.9	99.9	62.9	108.
4.2	113.3	12839.1	175.0	-55.2	99.9	291.4	36.0	33.6	-13.1	352.3	999.9	99.9	99.9	71.4	108.
4.3	119.3	13797.0	150.0	-63.1	99.9	291.6	51.1	47.5	-18.9	361.4	999.9	99.9	99.9	81.8	109.
5.0	126.0	14915.5	125.0	-62.5	99.9	294.4	21.5	19.6	-8.9	381.5	999.9	99.9	99.9	90.2	109.
5.6	133.7	16286.2	100.0	-61.8	99.9	311.5	12.3	9.2	-8.2	404.4	999.9	99.9	99.9	92.4	109.
6.1	142.0	18081.6	75.0	-59.7	99.9	351.7	21.6	3.1	-21.4	447.7	999.9	99.9	99.9	99.7	110.
7.0	152.0	20615.5	50.0	-60.6	99.9	333.0	6.8	2.7	-9.3	508.6	999.9	99.9	99.9	100.6	110.
8.7	162.5	25058.3	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	642.4	999.9	99.9	99.9	101.3	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 343
 AMARILLO, TEXAS

 26 APRIL 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GM/KG	RM PCN	RANGE KM	AZ DEG
0.0	16.6	1094.0	891.0	9.6	2.9	20.0	3.1	-1.1	-2.9	292.2	306.6	5.3	63.0	0.0	0.
05.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
07.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	875.0	9.6	2.7	52.7	4.9	-3.9	-3.0	294.6	308.5	5.3	61.2	0.1	202.
1.2	20.5	1485.6	850.0	5.4	-0.6	45.3	7.4	-5.3	-5.2	296.0	308.1	4.3	49.6	0.4	222.
2.1	22.9	1733.0	825.0	8.6	-0.5	32.1	10.4	-5.5	-8.8	297.7	307.1	3.3	39.2	0.8	219.
3.0	25.4	1986.5	800.0	6.6	-5.2	29.7	9.9	-4.9	-8.6	298.2	307.4	3.2	42.6	1.4	215.
4.1	28.0	2246.3	775.0	4.7	-4.0	32.8	8.2	-4.4	-6.9	298.8	309.3	3.7	53.2	2.0	214.
5.0	30.5	2514.9	750.0	3.1	-2.0	9.0	5.7	-0.9	-5.6	299.5	312.3	4.4	69.2	2.4	213.
5.8	33.1	2787.5	725.0	2.2	-1.2	325.0	5.6	3.2	-4.6	301.6	313.6	4.8	77.9	2.6	209.
6.7	35.8	3078.5	700.0	0.2	-0.3	308.0	9.0	7.1	-5.5	302.7	317.9	5.4	96.5	2.7	201.
7.8	38.6	3361.5	675.0	-1.8	-1.8	300.0	13.1	11.4	-6.6	303.7	317.8	5.0	99.5	2.9	189.
8.6	41.3	3662.3	650.0	-2.1	-2.2	297.0	16.4	14.6	-7.4	306.6	321.0	5.0	99.4	3.2	176.
9.5	44.1	3972.2	625.0	-4.8	-4.9	295.6	18.6	16.7	-8.0	307.0	319.4	4.3	99.0	3.8	163.
10.7	47.0	4293.8	600.0	-6.8	-6.9	295.0	22.3	20.2	-9.4	308.2	319.5	3.8	98.7	4.9	151.
11.7	49.9	4624.2	575.0	-8.0	-8.2	291.7	25.7	23.9	-9.5	310.6	321.4	3.6	98.6	6.0	143.
12.8	52.9	4971.4	550.0	-5.3	-5.6	289.4	29.0	27.4	-9.6	313.0	323.2	3.4	98.4	7.6	135.
14.1	56.0	5329.5	525.0	-12.3	-12.5	286.4	29.6	28.4	-8.4	313.7	322.2	2.8	97.9	9.8	129.
15.4	59.1	5701.4	500.0	-14.2	-14.5	285.0	29.0	28.0	-7.5	315.7	323.4	2.5	97.6	11.9	125.
16.9	62.4	6089.1	475.0	-16.9	-17.4	282.0	25.5	28.9	-6.1	317.0	323.5	2.1	96.4	14.3	121.
17.9	65.9	6492.4	450.0	-20.2	-20.3	277.9	30.3	30.0	-4.2	319.2	322.3	0.9	68.5	18.7	116.
19.4	69.3	6912.8	425.0	-23.3	-23.4	280.0	30.5	30.0	-5.3	319.2	322.3	0.6	55.6	21.3	114.
20.9	72.7	7354.8	400.0	-26.3	-26.5	281.7	31.3	30.6	-6.3	320.6	323.0	0.6	47.4	24.3	112.
22.5	76.4	7819.1	375.0	-28.1	-28.7	280.0	33.4	32.9	-5.8	323.1	324.6	0.4	30.5	30.5	110.
23.9	80.2	8308.7	350.0	-33.0	-33.9	281.8	35.0	34.2	-7.1	324.2	325.5	0.3	27.1	37.1	111.
25.5	84.2	8826.0	325.0	-37.0	-41.3	286.0	37.0	35.6	-10.2	325.2	326.8	0.3	24.9	40.0	110.
27.4	89.2	9374.5	300.0	-41.3	-46.3	290.0	38.0	35.7	-13.0	327.2	327.2	99.9	24.9	46.0	110.
29.6	92.6	9558.5	275.0	-46.3	-50.9	289.9	40.7	38.2	-13.8	328.2	328.2	99.9	24.9	52.7	109.
31.9	97.2	10523.7	250.0	-52.1	-56.9	287.5	45.9	43.8	-11.3	331.7	331.7	99.9	24.9	60.0	108.
34.4	102.0	11259.0	225.0	-56.7	-61.6	284.3	45.7	44.2	-9.2	339.3	339.3	99.9	24.9	66.7	108.
37.1	107.2	12001.1	200.0	-59.1	-64.1	281.8	45.14	44.1	-13.4	352.5	352.5	99.9	24.9	73.3	109.
39.7	112.6	12837.7	175.0	-56.1	-61.6	290.5	36.29	35.8	-13.9	364.0	364.0	99.9	24.9	78.7	109.
42.6	118.8	13809.2	150.0	-61.6	-66.7	289.7	31.29	29.4	-10.5	385.8	385.8	99.9	24.9	84.8	109.
45.5	125.3	14931.6	125.0	-60.7	-66.7	289.7	20.89	17.2	-11.6	409.8	409.8	99.9	24.9	88.8	109.
48.8	132.7	16310.0	100.0	-61.0	-66.7	303.9	20.89	17.2	-10.7	449.8	449.8	99.9	24.9	90.1	110.
53.6	140.7	18104.2	75.0	-55.1	-66.7	321.2	13.8	8.6	-6.9	502.6	502.6	99.9	24.9	92.5	111.
61.0	149.5	20635.7	50.0	-55.7	-66.7	1.7	6.8	-0.2	-4.2	638.0	638.0	99.9	24.9	92.5	111.
74.7	158.7	25074.3	25.0	-51.1	-66.7	243.9	9.5	8.6	-4.2	638.0	638.0	99.9	24.9	92.5	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUEQUE, NEW MEXICO

25 APRIL 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG M	MIX RTO CM/KG	RM PCP	RANGE KM	4Z DG
0.0	19.9	1619.0	835.0	12.2	-8.3	330.0	6.2	3.1	-5.4	300.5	307.6	2.4	23.0	0.0	0
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	23.0	1975.9	800.0	12.5	-4.4	305.5	9.4	7.6	-4.4	303.8	314.0	3.5	28.1	0.2	140
2.1	25.4	2249.5	775.0	10.4	-4.5	300.4	12.1	10.4	-6.1	304.4	314.5	3.4	30.4	0.5	134
2.9	27.6	2517.1	750.0	8.1	-5.4	300.4	15.4	13.3	-7.8	305.0	315.3	3.5	34.7	1.1	127
3.6	30.0	2795.6	725.0	5.4	-6.3	308.3	18.6	16.0	-10.3	305.4	315.5	3.4	37.9	1.7	124
4.7	32.5	3081.5	700.0	3.3	-6.8	310.0	19.7	17.1	-10.1	306.1	315.8	3.3	42.5	2.6	124
5.8	35.0	3375.3	675.0	1.1	-8.2	310.0	15.7	13.6	-7.9	306.5	315.9	3.0	49.6	4.5	126
6.9	37.5	3678.7	650.0	0.2	-8.7	291.8	16.2	15.0	-6.0	309.2	316.3	3.0	51.1	5.6	124
8.1	40.2	3991.6	625.0	-2.9	-10.1	287.6	14.3	13.6	-4.3	309.2	317.7	2.6	57.2	6.6	121
9.4	42.9	4313.9	600.0	-5.3	-11.2	279.2	14.3	14.2	-4.3	310.0	318.2	2.7	63.2	7.7	119
10.7	45.7	4648.2	575.0	-7.9	-13.9	263.9	13.6	13.5	-1.4	313.1	320.1	2.3	52.9	8.7	116
12.1	49.6	4955.8	550.0	-7.3	-18.8	263.2	15.0	14.9	1.8	315.4	320.5	1.6	39.2	9.6	112
13.4	51.5	5357.2	525.0	-9.2	-22.4	271.2	17.3	17.3	-0.4	317.4	321.3	1.2	33.1	10.8	109
14.7	54.6	5732.1	500.0	-12.8	-22.0	273.3	18.7	18.7	-1.1	317.2	321.7	1.3	45.7	12.2	107
16.1	57.8	6121.7	475.0	-15.4	-26.6	274.3	20.2	20.2	-1.5	318.5	321.9	0.9	37.5	13.8	104
17.6	61.1	6528.8	450.0	-17.2	-40.4	279.0	14.3	16.1	-2.5	321.6	322.5	0.2	11.2	15.3	103
19.3	64.6	6954.8	425.0	-20.7	-43.0	286.5	15.1	18.4	-3.3	322.4	323.1	0.2	11.5	17.0	104
21.1	69.1	7395.6	400.0	-24.2	-45.5	291.4	17.1	19.9	-0.3	323.6	324.2	0.2	11.8	18.6	105
23.4	72.0	7865.5	375.0	-29.0	-47.9	292.5	25.9	23.9	-0.9	324.8	325.3	0.1	20.0	21.2	106
25.6	76.0	8355.3	350.0	-32.6	-47.9	298.2	29.8	25.8	-15.0	326.5	327.0	0.1	26.1	24.2	106
27.4	80.2	8873.7	325.0	-36.4	-48.8	300.2	29.8	27.9	-17.4	327.2	327.6	99.9	99.9	30.7	109
29.3	84.5	9423.0	300.0	-41.1	-49.9	301.9	32.9	33.4	-17.9	328.4	329.9	99.9	99.9	35.3	111
31.5	89.2	10007.8	275.0	-46.1	-49.9	298.2	37.9	33.4	-15.9	329.2	329.9	99.9	99.9	40.8	111
33.9	94.2	10633.8	250.0	-51.7	-49.9	291.8	42.7	39.7	-17.3	330.1	330.9	99.9	99.9	46.3	111
35.8	99.4	11302.4	225.0	-57.7	-49.9	293.2	44.0	40.4	-19.4	332.3	332.9	99.9	99.9	52.5	112
38.3	105.0	12048.2	200.0	-63.4	-49.9	296.1	44.1	39.6	-19.4	333.3	333.9	99.9	99.9	61.9	111
41.6	111.3	12861.6	175.0	-63.2	-49.9	298.2	45.2	39.7	-21.3	361.2	361.2	99.9	99.9	70.5	111
44.1	117.8	13807.9	150.0	-63.2	-49.9	298.2	45.0	39.7	-21.3	361.2	361.2	99.9	99.9	77.2	112
47.6	125.0	14914.1	125.0	-65.8	-49.9	295.8	28.6	27.5	-7.8	375.2	375.2	99.9	99.9	84.9	111
53.0	133.0	16283.5	100.0	-61.5	-49.9	298.1	21.8	21.8	-2.0	408.9	408.9	99.9	99.9	89.6	110
57.8	141.3	18070.1	75.0	-61.0	-49.9	284.9	9.4	9.1	-2.4	445.0	445.0	99.9	99.9	92.3	111
65.2	150.3	20628.2	50.0	-57.7	-49.9	4.1	5.3	-0.4	-3.3	807.7	807.7	99.9	99.9	92.3	111
84.0	159.7	25071.4	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	841.7	841.7	99.9	99.9	82.9	112

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO25 APRIL 1979
1405 GAT

TIME M/Y	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE AZ KM	27.0
0.0	20.6	1619.0	836.0	14.4	-4.3	330.0	1.5	0.0	-1.3	302.7	312.3	3.3	27.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	21.5	1730.0	825.0	13.8	-3.4	309.9	2.4	1.0	-1.5	303.1	313.6	3.6	30.4	0.2	133.
1.1	23.8	1986.4	800.0	12.3	-2.9	313.1	5.2	4.2	-4.0	308.2	315.4	3.9	34.6	0.3	145.
1.8	28.1	2254.5	775.0	10.1	-3.5	313.1	9.8	7.2	-6.7	304.7	315.7	3.8	38.1	0.7	139.
2.8	28.4	2526.7	750.0	5.1	-3.5	312.2	15.3	9.0	-8.9	304.2	316.0	3.9	40.7	1.3	136.
3.7	30.6	2806.7	725.0	6.9	-2.6	309.6	15.5	12.0	-9.9	307.1	319.7	4.4	50.4	2.2	134.
4.8	33.3	3094.0	700.0	4.1	-3.9	304.5	17.6	14.5	-10.0	307.1	319.0	4.1	55.6	3.3	132.
5.8	35.8	3385.0	675.0	2.4	-5.5	295.9	18.0	16.9	-8.2	308.3	319.4	3.8	57.7	4.3	129.
6.7	38.3	3693.1	650.0	-0.1	-7.4	292.7	19.7	18.2	-7.6	308.6	318.0	3.4	57.7	5.4	126.
7.6	41.0	4007.1	625.0	-0.6	-10.6	294.0	19.0	18.1	-8.1	311.6	320.1	2.7	46.5	6.6	123.
8.9	43.7	4332.5	600.0	-2.4	-12.5	289.7	19.0	17.9	-6.4	313.4	320.9	2.4	45.5	7.9	122.
10.0	46.5	4669.4	575.0	-4.3	-15.1	276.3	16.7	16.6	-1.8	315.0	321.4	2.0	42.3	9.0	119.
11.1	49.4	5016.7	550.0	-6.2	-15.5	267.6	16.0	16.0	0.7	316.8	323.3	2.1	47.4	10.1	116.
12.5	52.4	5381.2	525.0	-9.8	-17.6	266.3	17.0	16.9	1.1	317.6	323.4	1.8	49.7	11.2	113.
13.8	55.5	5756.9	500.0	-11.8	-21.2	266.6	18.8	18.0	1.1	318.0	323.2	1.4	45.5	12.5	110.
15.2	58.7	6147.3	475.0	-15.0	-24.5	264.9	19.5	19.4	1.7	319.4	323.1	1.1	44.0	14.0	107.
16.8	62.0	6559.3	450.0	-16.2	-32.0	262.2	21.3	21.1	2.9	322.9	324.9	0.6	24.1	15.8	104.
18.6	65.4	6983.3	425.0	-19.2	-37.2	268.5	20.9	20.9	0.6	323.4	325.7	0.4	18.5	18.0	102.
20.6	69.0	7431.0	400.0	-22.9	-38.5	281.9	19.6	19.2	-4.1	325.2	326.4	0.3	22.3	20.3	101.
22.5	72.8	7900.7	375.0	-26.7	-41.7	298.2	28.0	18.3	-9.8	326.3	327.2	0.3	22.5	22.6	102.
24.3	76.7	8395.1	350.0	-30.5	-44.9	302.2	26.3	22.3	-14.1	327.6	328.4	0.2	22.7	24.8	104.
26.0	81.0	8917.2	325.0	-34.2	-48.0	302.4	32.6	27.5	-17.4	329.0	330.2	0.1	22.9	27.7	106.
27.7	85.2	9471.5	300.0	-38.4	-51.6	303.2	41.1	34.4	-22.5	331.2	331.7	0.1	23.2	31.3	108.
29.4	90.0	10065.5	275.0	-43.5	-59.9	299.8	48.0	41.6	-23.9	333.2	333.9	99.9	99.9	35.8	110.
31.4	94.8	10700.3	250.0	-48.2	-69.9	296.6	50.8	45.4	-22.8	334.2	335.4	99.9	99.9	41.8	111.
33.0	100.2	11384.0	225.0	-54.2	-79.9	297.3	51.7	45.9	-23.7	335.4	336.9	99.9	99.9	49.0	112.
36.2	105.6	12130.3	200.0	-60.3	-90.9	297.4	49.24	43.6	-22.6	337.2	338.9	99.9	99.9	56.7	112.
39.1	111.8	12952.8	175.0	-65.6	-99.9	288.8	45.54	43.1	-14.7	341.8	343.8	99.9	99.9	64.1	113.
42.4	119.5	13892.4	150.0	-64.6	-99.9	292.2	49.54	45.0	-18.7	350.2	350.9	99.9	99.9	75.4	112.
46.1	125.5	15087.6	125.0	-63.7	-99.9	291.0	31.94	20.0	-11.4	379.2	379.9	99.9	99.9	83.2	112.
51.0	133.0	16388.1	100.0	-61.0	-99.9	290.6	23.28	21.7	-8.2	405.1	405.9	99.9	99.9	91.9	112.
57.8	141.3	18160.9	75.0	-52.7	-99.9	326.8	12.94	7.1	-10.8	445.8	445.9	99.9	99.9	98.4	112.
64.0	150.0	20744.4	50.0	-61.1	-99.9	3.7	8.54	-0.8	-8.4	490.4	490.9	99.9	99.9	98.5	113.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

25 APRIL 1979
1705 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DB M	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	21.4	1619.0	836.0	20.0	-3.0	330.0	5.1	2.6	-4.4	208.6	318.0	3.2	18.0	0.0	0.
0.0	09.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	825.0	18.0	-2.5	337.0	7.2	2.8	-6.6	307.7	319.1	3.0	24.8	0.2	162.
0.0	09.9	99.9	800.0	15.0	0.3	335.7	7.5	3.1	-6.0	308.2	325.5	5.0	34.9	0.5	159.
0.0	09.9	99.9	775.0	11.0	-2.1	331.4	6.6	3.2	-5.8	306.6	318.8	4.2	37.7	0.8	157.
0.0	09.9	99.9	750.0	8.7	-3.5	327.6	6.8	3.6	-5.7	306.1	317.6	4.0	41.9	1.1	155.
0.0	09.9	99.9	725.0	6.3	-4.2	317.7	6.3	5.6	-6.1	306.2	317.6	3.9	46.9	1.5	152.
0.0	09.9	99.9	700.0	3.5	-5.3	308.9	8.4	6.6	-5.3	306.3	317.1	3.7	52.5	2.0	148.
0.0	09.9	99.9	675.0	1.4	-6.0	299.8	12.6	10.0	-6.2	307.2	317.8	3.6	57.4	2.4	143.
0.0	09.9	99.9	650.0	1.1	-8.6	290.3	16.8	15.0	-5.8	310.2	319.5	3.1	48.1	4.2	131.
0.0	09.9	99.9	625.0	0.0	-11.1	276.6	14.9	14.8	-1.7	312.5	320.5	2.6	42.9	5.6	124.
0.0	09.9	99.9	600.0	-2.1	-13.9	271.0	13.5	13.5	-0.7	313.7	320.5	2.2	39.8	6.5	119.
0.0	09.9	99.9	575.0	-4.7	-15.2	274.4	15.5	15.5	-1.2	314.5	320.9	2.0	43.3	7.3	116.
0.0	09.9	99.9	550.0	-6.9	-16.8	273.9	17.0	17.0	-1.2	315.5	321.8	1.9	45.0	8.4	113.
0.0	09.9	99.9	525.0	-9.3	-21.7	281.3	18.3	18.0	-3.6	317.3	321.8	1.3	35.7	9.6	111.
0.0	09.9	99.9	500.0	-11.3	-23.4	290.2	20.6	19.3	-7.1	319.3	323.1	1.2	35.9	11.1	111.
0.0	09.9	99.9	475.0	-14.0	-27.8	283.8	21.8	21.2	-5.2	320.6	323.4	0.8	29.8	13.0	110.
0.0	09.9	99.9	450.0	-16.5	-30.3	277.5	22.1	21.9	-2.9	322.5	324.8	0.7	29.0	15.0	109.
0.0	09.9	99.9	425.0	-15.9	-33.0	280.3	23.3	22.9	-4.2	323.4	325.3	0.6	30.0	17.2	107.
0.0	09.9	99.9	400.0	-23.5	-34.7	289.9	99.9	99.9	99.9	324.5	326.2	0.5	34.7	999.9	999.9
0.0	09.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 25 APRIL 1979
 2005 GMT

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIS DB	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POS Y DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	19.7	1519.0	874.0	25.0	-3.4	300.0	6.2	5.4	-3.1	314.0	324.9	3.6	15.0	0.0	0.
05.9	52.9	59.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	59.9	575.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	900.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	850.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	20.5	1733.4	825.0	21.0	-3.9	280.9	12.4	12.2	-2.3	311.7	322.1	3.5	17.5	0.2	117.
1.0	22.6	1976.1	820.0	18.3	-7.1	282.1	10.9	10.7	-2.3	310.4	319.2	2.8	17.1	0.6	108.
1.9	24.9	2248.0	775.0	15.6	-5.2	282.9	8.2	8.6	-2.0	310.6	320.7	3.4	23.4	1.0	104.
2.7	27.2	2524.4	750.0	12.4	-5.4	277.9	10.2	10.1	-1.4	310.0	320.2	3.4	28.5	1.5	104.
3.7	29.5	2807.3	725.0	9.7	-5.7	260.4	12.2	12.0	-2.2	310.1	320.4	3.5	33.2	2.2	102.
5.1	31.9	3056.6	700.0	6.1	-7.0	273.9	9.9	9.9	-0.7	309.3	319.0	3.2	38.4	3.1	101.
6.8	34.1	3393.4	675.0	3.3	-7.3	271.6	10.4	10.4	-0.3	309.3	319.1	3.3	45.9	4.2	99.
8.3	36.9	3568.1	650.0	1.0	-5.4	273.6	12.8	12.7	-0.8	310.1	319.5	3.1	49.3	5.1	98.
9.5	39.4	4012.2	625.0	-1.8	-8.7	275.7	14.9	14.8	-1.5	310.4	319.9	3.2	59.2	6.1	97.
10.6	42.1	4335.7	600.0	-4.3	-10.4	277.7	17.0	16.9	-2.3	311.1	319.9	2.9	62.5	7.2	97.
11.7	44.9	4576.7	575.0	-5.3	-14.6	276.1	19.2	19.7	-2.1	313.6	320.4	2.1	47.9	8.4	97.
12.6	47.6	5018.7	550.0	-7.0	-17.7	275.0	21.0	20.9	-1.8	314.5	320.4	1.7	44.4	9.5	97.
13.6	50.7	5378.9	525.0	-10.3	-19.0	279.9	22.7	22.3	-3.9	316.0	321.6	1.8	53.1	10.8	97.
14.7	53.8	5753.2	500.0	-12.3	-21.1	286.2	23.1	22.2	-6.4	318.0	322.6	1.4	47.7	12.3	98.
14.3	54.9	6143.9	475.0	-14.4	-25.9	284.7	22.7	22.0	-5.8	320.2	323.5	1.0	36.8	14.5	99.
15.1	60.1	6532.1	450.0	-16.8	-30.6	276.2	23.1	23.0	-2.5	322.1	324.4	0.7	28.8	16.9	99.
15.6	63.6	6978.7	425.0	-20.3	-32.9	276.2	24.8	24.6	-2.7	323.0	325.0	0.6	31.2	19.1	99.
21.3	67.1	7425.4	400.0	-22.8	-35.5	281.6	28.0	27.4	-5.6	323.4	327.0	0.5	30.0	21.7	99.
22.4	70.9	7456.2	375.0	-25.8	-41.3	281.2	28.6	28.0	-5.5	327.4	328.4	0.3	21.7	24.4	99.
24.4	74.8	8361.3	350.0	-30.6	-42.8	282.8	30.6	29.9	-6.8	327.5	328.5	0.2	28.9	27.2	99.
26.0	74.8	8913.6	325.0	-34.7	-42.4	284.0	33.6	32.6	-8.1	328.4	329.9	0.3	45.0	30.2	103.
27.7	83.2	9467.6	300.0	-38.7	-50.0	289.7	36.3	34.2	-12.2	330.5	331.4	0.1	28.9	33.8	100.
29.6	87.3	10359.2	275.0	-43.7	-59.9	292.9	37.8	34.8	-14.7	331.5	331.4	99.9	99.9	36.0	102.
31.6	92.8	10691.2	250.0	-45.7	-69.9	294.4	40.5	36.9	-16.7	332.2	332.2	99.9	99.9	42.5	103.
34.0	99.9	11371.9	225.0	-55.4	-99.9	295.0	42.1	38.1	-17.6	333.7	333.7	99.9	99.9	48.5	104.
36.5	103.8	12112.5	200.0	-61.5	-99.9	290.6	42.1	39.4	-14.8	335.4	335.4	99.9	99.9	54.7	106.
39.3	109.9	12933.5	175.0	-64.8	-99.9	284.1	53.3	51.7	-13.0	342.5	342.5	99.9	99.9	62.3	106.
42.6	115.3	13972.3	150.0	-63.3	-99.9	289.8	52.7	49.6	-17.9	341.1	341.1	99.9	99.9	73.9	104.
47.0	123.7	14588.9	125.0	-64.0	-99.9	289.3	39.0	36.6	-13.9	349.1	349.1	99.9	99.9	84.8	106.
51.4	131.3	16368.4	100.0	-60.3	-99.9	296.9	21.0	18.8	-9.5	413.2	413.2	99.9	99.9	94.3	107.
57.0	137.9	18181.1	75.0	-61.3	-99.9	306.2	5.7	4.6	-3.3	444.9	444.9	99.9	99.9	96.3	108.
65.3	148.7	20732.5	50.0	-57.6	-99.9	310.9	4.7	3.4	-3.1	507.7	507.7	99.9	99.9	98.6	108.
70.0	158.0	25190.6	25.0	-67.6	-99.9	100.0	3.9	-3.7	1.2	647.4	647.4	99.9	99.9	99.3	108.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

25 APRIL 1979
2300 GMT

TIME M:Y	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.5	1619.0	822.5	23.3	-7.7	290.0	6.2	5.8	-2.1	312.4	320.3	2.6	12.0	0.0	0.
9.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	21.2	1657.7	825.0	22.1	1.3	319.1	6.8	4.5	-5.2	312.0	327.0	5.1	25.2	0.2	131.
1.6	21.4	1963.8	805.0	20.1	0.8	317.9	7.1	4.8	-5.3	312.8	327.6	5.1	27.5	0.6	130.
3.1	25.5	2236.0	775.0	17.3	-0.6	326.4	5.9	3.3	-4.9	312.2	326.3	4.7	29.1	1.2	130.
5.1	27.8	2514.0	750.0	14.5	-2.1	315.2	4.6	3.2	-3.3	312.4	325.3	4.4	31.6	1.8	142.
6.1	30.2	2768.9	725.0	11.5	-4.4	296.5	6.9	4.7	-2.7	311.8	323.7	4.0	34.9	2.9	139.
7.2	32.6	3090.6	700.0	9.5	-2.7	296.5	6.9	6.2	-3.1	311.8	323.7	4.0	40.0	2.5	136.
8.5	35.1	3389.7	675.0	5.5	-5.3	295.1	6.8	6.2	-2.9	311.2	323.2	3.8	45.7	3.0	132.
9.8	37.6	3666.9	650.0	2.6	-6.3	295.7	7.3	6.6	-3.2	311.5	322.9	3.7	51.9	3.5	130.
11.0	40.2	4012.7	625.0	-0.3	-6.5	284.0	7.9	7.7	-1.9	312.1	323.3	3.8	62.8	4.0	127.
12.1	42.9	4332.1	600.0	-3.3	-6.0	274.8	8.3	8.2	-0.7	312.3	324.5	4.1	81.5	4.5	120.
13.4	45.5	4673.5	575.0	-6.5	-6.8	272.4	9.7	9.7	-0.4	312.2	324.2	4.0	58.1	5.1	120.
14.7	48.4	5016.6	550.0	-9.5	-9.5	270.9	12.3	12.3	-0.2	312.2	323.0	3.4	103.3	5.8	110.
15.6	51.4	5378.1	525.0	-11.2	-11.2	272.9	17.3	17.3	-0.9	315.0	323.9	3.1	103.1	7.4	110.
16.2	54.5	5751.1	500.0	-13.6	-13.6	276.7	21.5	21.4	-2.5	316.4	323.9	2.4	89.6	9.2	107.
17.7	57.6	6148.7	475.0	-15.2	-22.9	283.4	25.6	24.9	-5.9	319.1	323.3	1.3	51.9	11.4	106.
18.9	60.9	6547.4	450.0	-17.9	-26.5	287.3	28.1	28.8	-6.4	320.8	324.1	1.0	46.7	13.8	100.
20.2	64.4	6972.7	425.0	-20.8	-29.1	290.3	30.2	28.3	-10.5	322.2	325.1	0.8	46.9	16.6	100.
21.4	64.0	7416.5	400.0	-23.5	-33.4	290.7	29.2	27.3	-10.3	324.5	326.5	0.6	39.4	19.4	107.
22.1	71.7	7887.6	375.0	-26.8	-37.7	290.5	28.4	26.6	-9.9	326.1	327.6	0.4	34.7	22.3	107.
23.1	75.7	8381.7	350.0	-30.4	-41.6	293.0	28.0	26.1	-11.1	327.8	328.9	0.3	32.5	25.8	108.
24.2	79.8	8904.4	325.0	-34.9	-50.4	291.4	29.0	27.0	-10.6	328.4	329.0	0.1	18.7	29.3	109.
25.5	84.2	9452.9	300.0	-38.8	-46.2	283.1	31.4	30.6	-7.1	330.7	331.3	0.2	35.9	33.2	109.
26.9	88.3	10050.2	275.0	-43.3	-49.9	281.2	31.4	30.7	-7.3	332.5	333.9	0.9	99.9	37.5	108.
28.3	93.3	10684.5	250.0	-48.3	-59.9	280.7	40.1	39.4	-7.5	334.2	335.9	99.9	99.9	42.7	107.
29.7	93.3	11365.1	225.0	-54.3	-69.9	280.7	45.6	44.8	-8.4	335.2	336.8	99.9	99.9	49.3	106.
31.0	105.0	12114.9	200.0	-56.7	-69.9	282.9	55.1	53.7	-12.3	338.8	339.5	99.9	99.9	56.4	105.
32.4	111.0	12940.7	175.0	-64.3	-69.9	287.9	61.8	59.8	-19.0	343.5	344.9	99.9	99.9	67.1	105.
33.8	117.6	13877.2	150.0	-65.7	-69.9	289.7	53.0	49.9	-17.8	357.0	357.9	99.9	99.9	80.2	106.
35.2	125.0	14992.4	125.0	-64.8	-69.9	295.0	42.0	39.1	-17.7	377.8	377.9	99.9	99.9	91.2	107.
36.9	132.7	16366.8	100.0	-59.9	-69.9	315.9	28.9	14.5	-15.0	412.1	412.1	99.9	99.9	100.8	108.
38.3	141.0	18144.9	75.0	-59.3	-69.9	257.1	13.2	12.9	-2.9	448.2	448.2	99.9	99.9	104.9	108.
39.7	150.0	20705.9	50.0	-59.0	-69.9	16.5	8.2	-2.3	-7.8	504.2	504.2	99.9	99.9	106.5	108.
41.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 26 APRIL 1979
 205 GAT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	WIND RTO CM/KG	RH PCT	RANGE KM	AZ DEG
00	21.2	1419.0	834.1	20.6	-5.3	330.0	7.2	3.6	-6.2	309.4	318.7	3.1	17.0	0.0	0.
01.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.0	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.0	22.0	1743.7	825.0	20.6	1.2	339.2	8.5	3.0	-7.9	310.7	325.6	3.1	27.0	0.2	157.
11.2	24.4	1978.0	800.0	17.7	-1.1	338.8	9.4	3.5	-8.8	310.1	324.1	4.4	27.0	0.6	158.
12.1	26.6	2247.7	775.0	14.7	-1.8	334.0	9.0	4.2	-8.9	309.6	322.6	4.4	32.0	1.2	159.
13.2	27.0	2323.7	750.0	12.5	-2.0	322.3	9.0	5.5	-7.1	310.3	323.1	4.4	36.4	1.7	156.
14.2	31.4	2806.0	725.0	9.9	-0.1	307.3	9.2	7.3	-8.6	310.3	321.0	3.9	37.0	2.2	151.
15.1	33.0	3097.1	700.0	7.5	-0.4	290.3	8.9	8.3	-3.1	310.8	322.5	3.9	42.6	2.7	145.
16.2	38.3	3355.1	675.0	4.7	-0.8	275.6	10.0	10.0	-1.0	310.5	323.0	4.0	51.2	3.1	137.
17.4	39.0	3701.3	650.0	2.1	-3.2	270.4	11.0	11.0	-0.1	311.2	323.2	4.0	58.3	3.7	129.
18.6	41.3	4016.3	625.0	-1.4	-7.0	262.1	12.3	12.2	1.7	310.5	321.7	3.6	65.5	4.5	121.
19.7	44.0	4300.0	600.0	-4.9	-7.8	256.9	12.3	12.0	2.0	311.0	321.5	3.5	77.3	5.2	114.
20.0	46.6	4674.3	575.0	-7.1	-8.5	256.0	12.4	12.1	2.0	311.7	322.2	3.5	89.0	5.8	109.
21.4	49.3	5019.4	550.0	-10.0	-10.0	265.0	15.9	15.8	-2.6	315.7	324.9	3.0	91.0	6.2	103.
22.1	52.1	5378.5	525.0	-10.6	-11.7	276.9	21.9	21.7	-2.6	315.7	324.9	3.0	91.0	6.2	103.
23.9	54.9	5753.2	500.0	-12.3	-14.9	282.3	24.1	23.5	-5.1	310.1	325.6	2.4	81.2	10.1	102.
24.2	57.9	6142.5	475.0	-15.5	-17.0	280.7	24.7	23.4	-7.9	310.7	325.5	2.1	88.7	12.0	103.
25.5	60.9	6549.3	450.0	-18.9	-20.5	290.5	25.3	23.7	-8.0	319.2	326.9	1.7	86.9	13.9	104.
26.2	64.0	6973.0	425.0	-21.7	-22.1	291.5	26.1	24.3	-9.4	321.3	326.2	1.5	90.6	16.4	105.
27.9	67.1	7416.0	400.0	-25.1	-26.1	290.0	24.5	23.0	-8.4	322.4	326.2	1.1	91.3	19.0	106.
28.4	70.5	7802.5	375.0	-28.7	-29.2	285.2	25.3	24.4	-6.6	323.0	326.7	0.9	95.1	21.4	106.
29.1	73.9	8173.3	350.0	-31.9	-33.3	287.2	26.0	24.9	-7.7	325.7	328.0	0.7	89.2	24.4	106.
30.1	77.4	8593.3	325.0	-35.6	-39.9	294.0	28.4	26.0	-11.5	327.6	328.9	0.4	64.7	27.0	106.
31.9	81.1	9043.2	300.0	-38.8	-44.7	291.6	33.6	31.2	-12.4	329.2	329.9	99.9	99.9	30.2	107.
32.8	85.0	10033.3	275.0	-44.7	-49.4	280.2	36.7	34.9	-11.5	330.4	329.9	99.9	99.9	34.3	107.
33.0	89.0	10664.1	250.0	-45.5	-50.9	287.2	42.2	40.3	-12.5	332.2	329.9	99.9	99.9	39.5	107.
33.6	93.3	11344.2	225.0	-54.7	-59.9	286.6	50.2	48.1	-14.3	334.0	329.9	99.9	99.9	46.5	107.
37.1	98.0	12090.0	200.0	-60.0	-60.0	284.6	59.1	57.2	-14.9	337.6	329.9	99.9	99.9	54.7	107.
39.0	101.0	12911.0	175.0	-61.2	-61.2	286.6	62.3	59.7	-17.7	340.7	329.9	99.9	99.9	65.1	107.
41.1	106.5	13846.1	150.0	-60.9	-59.9	280.7	49.5	46.9	-15.0	356.0	329.9	99.9	99.9	76.0	107.
46.9	114.5	14954.7	125.0	-64.6	-59.9	293.0	33.3	30.7	-13.0	378.0	329.9	99.9	99.9	85.9	107.
51.7	121.3	16330.5	100.0	-62.0	-59.9	290.5	16.0	15.7	-5.9	407.8	329.9	99.9	99.9	97.0	108.
57.7	129.3	18114.6	75.0	-60.9	-59.9	287.1	9.0	8.4	-2.6	445.3	329.9	99.9	99.9	109.9	108.
66.0	139.0	20444.6	50.0	-60.3	-59.9	305.9	5.5	4.5	-3.2	501.2	329.9	99.9	99.9	119.9	108.
81.5	151.0	25065.9	25.0	-68.0	-59.9	18.0	2.0	-0.9	-2.7	644.4	329.9	99.9	99.9	97.7	10.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALCUCEROUZ, NIN MEXICO
26 APRIL 1979
505 GAT

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR °G	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT V DEG K	RH RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	21.2	1619.0	836.1	16.7	-7.0	335.0	5.1	2.2	-4.6	309.1	313.1	2.7	19.0	0.0	0.0
0.9	00.9	90.9	1000.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
5.9	00.9	00.9	575.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
9.9	00.9	00.9	90.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
9.9	00.9	00.9	925.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
9.9	00.9	00.9	900.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
9.9	00.9	00.9	875.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
9.9	00.9	00.9	850.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
2.4	22.2	1732.0	825.0	16.5	-2.5	347.4	11.7	2.5	-11.4	304.0	317.3	3.9	27.1	0.3	104.
1.4	26.5	1993.6	800.0	14.8	-3.9	345.9	10.4	2.4	-10.3	304.9	317.4	3.6	27.2	0.9	104.
2.3	26.0	2260.9	775.0	13.0	-5.5	339.3	7.6	2.7	-7.1	307.6	317.5	3.3	27.2	1.4	104.
2.3	27.2	2535.3	750.0	11.1	-5.1	309.9	5.0	4.4	-3.7	308.6	318.0	3.5	31.6	1.7	103.
4.2	31.0	2917.1	725.0	8.7	-5.3	201.7	7.3	7.2	-1.5	309.6	319.5	3.6	30.7	2.3	155.
5.3	34.0	3106.1	700.0	6.3	-5.3	265.0	8.2	8.1	0.7	309.4	320.4	3.7	43.1	2.3	143.
6.4	36.5	3403.1	675.0	3.5	-6.0	261.5	8.7	8.7	1.3	309.6	320.4	3.6	49.8	2.6	132.
7.6	39.0	3708.1	650.0	1.0	-6.5	266.9	11.0	11.0	0.6	310.3	320.9	3.6	57.1	3.0	123.
8.7	41.0	4024.4	625.0	-1.6	-6.0	268.0	16.0	16.0	0.3	310.6	322.2	3.9	72.1	3.8	115.
9.9	44.2	4346.3	600.0	-4.2	-7.4	272.4	18.0	17.9	-0.8	311.3	322.3	3.7	78.3	5.0	109.
11.2	46.9	4680.9	575.0	-6.6	-9.7	282.7	18.5	18.1	-4.1	312.3	321.9	3.2	78.3	6.4	106.
12.5	49.7	5027.2	550.0	-9.1	-11.4	287.5	18.8	17.9	-5.6	313.3	322.9	2.9	83.0	7.8	106.
13.7	52.6	5366.1	525.0	-11.4	-13.1	293.4	20.2	18.5	-8.0	315.7	322.9	2.7	87.4	9.2	107.
15.0	55.4	5758.0	500.0	-13.9	-14.7	301.1	19.9	17.0	-10.3	316.1	323.7	2.5	94.3	10.6	109.
16.5	58.3	6146.9	475.0	-16.7	-17.9	301.0	20.5	17.6	-10.5	317.3	323.5	2.0	90.6	12.5	110.
18.0	61.3	6551.1	450.0	-19.0	-20.8	295.2	21.6	19.5	-9.2	318.3	323.5	1.6	91.6	14.4	111.
19.5	64.3	6974.3	425.0	-21.4	-23.9	289.2	21.2	20.0	-7.0	321.6	323.0	1.3	79.9	16.4	111.
21.1	67.5	7418.9	400.0	-24.6	-27.5	288.9	21.2	20.1	-8.9	323.0	326.4	1.0	76.0	18.4	111.
22.7	70.9	7885.5	375.0	-27.6	-32.7	285.3	21.7	20.9	-5.7	325.1	327.3	0.6	61.3	20.4	111.
24.4	74.1	8377.0	350.0	-31.5	-38.5	286.0	24.4	23.5	-6.7	328.3	327.7	0.4	49.5	22.6	110.
26.1	77.9	8828.7	325.0	-35.0	-45.9	289.8	28.8	27.1	-9.7	328.4	329.1	0.2	31.7	25.4	110.
28.0	81.5	9451.5	300.0	-39.9	-49.9	284.2	30.5	29.6	-8.6	329.2	329.9	0.9	99.9	28.6	110.
30.0	85.4	10039.1	275.0	-45.2	-59.9	284.2	35.6	34.5	-8.8	329.7	329.9	0.9	99.9	32.6	109.
32.0	89.5	10660.5	250.0	-50.3	-69.9	284.2	40.0	39.7	-10.3	331.7	329.9	0.9	99.9	37.2	109.
34.2	93.7	11342.1	225.0	-55.5	-79.9	288.6	45.6	44.8	-8.4	333.2	329.9	0.9	99.9	42.9	108.
36.6	99.4	12089.5	200.0	-60.5	-89.9	280.8	57.3	56.3	-10.8	334.5	329.9	0.9	99.9	49.9	107.
39.0	103.4	12913.2	175.0	-65.0	-99.9	282.0	63.4	62.0	-13.2	342.7	329.9	0.9	99.9	61.8	106.
43.0	109.0	13854.2	150.0	-63.0	-99.9	289.5	49.6	48.6	-10.6	361.6	329.9	0.9	99.9	74.3	106.
47.5	116.0	14973.6	125.0	-64.2	-99.9	294.6	29.6	28.9	-12.2	370.7	329.9	0.9	99.9	83.5	106.
52.9	121.7	16362.1	100.0	-60.4	-99.9	308.3	16.0	15.9	-7.7	410.7	329.9	0.9	99.9	90.8	107.
56.7	129.7	18131.5	75.0	-63.0	-99.9	308.3	12.1	9.5	-4.9	439.0	329.9	0.9	99.9	98.3	107.
60.7	139.5	20460.0	50.0	-60.9	-99.9	326.1	7.1	4.0	-8.9	500.1	329.9	0.9	99.9	98.6	108.
66.1	151.5	23090.1	25.0	-58.9	-99.9	156.9	2.5	-1.0	2.3	630.6	329.9	0.9	99.9	98.6	109.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

26 APRIL 1979
005 GMT

TIME MIN	CNTCT	HEIGHT GBM	PRES MB	TEMP DG	DEW PT CG C	DIR G	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH ACT	RANGE KM	AZ DG
0.0	20.8	1619.0	836.9	13.9	-5.3	350.0	3.6	0.6	-3.5	382.1	311.0	3.1	26.0	0.8	0.
0.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	21.9	1740.0	825.0	14.5	-3.4	354.1	8.0	0.8	-6.0	383.5	314.4	3.6	28.9	0.2	170.
1.3	24.3	1955.9	800.0	13.7	-4.1	352.3	7.0	0.9	-7.0	382.7	316.1	3.5	28.8	0.6	172.
2.3	26.6	2246.5	775.0	12.0	-4.5	353.1	5.5	0.7	-5.5	386.7	317.0	3.5	31.2	0.9	172.
3.2	24.0	2535.7	750.0	9.4	-5.3	352.3	5.1	0.7	-5.0	386.6	316.9	3.4	34.9	1.2	173.
4.2	31.4	2818.7	725.0	7.0	-6.1	319.3	5.7	3.7	-4.3	387.2	317.1	3.3	38.5	1.5	171.
5.0	33.8	3107.1	700.0	4.6	-7.0	275.9	7.2	7.2	-0.7	387.6	317.2	3.2	42.3	1.7	162.
6.0	36.3	3402.7	675.0	2.3	-6.5	265.5	8.9	8.9	0.7	388.2	318.5	3.5	52.1	1.9	167.
7.1	38.9	3706.1	650.0	-0.3	-7.3	271.9	11.1	11.1	-0.4	388.7	318.8	3.4	59.2	2.3	134.
8.2	41.5	4018.9	625.0	-2.6	-6.2	277.5	13.9	13.8	-1.8	389.5	320.9	3.9	76.4	3.0	124.
9.4	44.1	4341.5	600.0	-5.1	-6.0	280.0	15.2	15.0	-2.6	310.2	322.1	4.1	93.0	4.0	117.
10.5	46.8	4615.4	575.0	-6.6	-8.1	284.4	17.5	17.0	-4.3	312.2	323.2	3.6	89.2	5.0	114.
11.9	47.5	5021.6	550.0	-5.6	-10.5	285.2	18.4	18.0	-4.9	312.7	323.3	3.1	83.2	6.5	112.
1.1	52.3	5378.7	525.0	-11.7	-12.1	287.9	20.1	19.1	-6.2	314.2	323.2	2.9	97.3	7.9	111.
1.3	55.3	5752.5	500.0	-13.5	-14.6	292.1	22.2	20.6	-8.4	316.6	324.2	2.5	91.4	9.4	111.
1.5	59.2	6140.8	475.0	-16.5	-17.6	291.8	22.1	20.5	-8.2	317.2	323.9	2.0	91.7	11.0	111.
1.8	61.3	6540.8	450.0	-19.9	-21.0	285.2	23.5	22.7	-6.2	318.3	323.4	1.6	90.3	12.6	111.
18.2	64.3	6946.0	425.0	-23.6	-23.8	285.2	23.5	22.7	-6.2	318.7	323.0	1.3	98.3	14.8	110.
14.8	67.5	7407.6	400.0	-29.7	-26.0	285.7	25.0	24.1	-6.8	321.6	325.3	1.1	97.4	17.1	109.
21.5	70.9	7873.0	375.0	-28.4	-29.4	283.8	29.7	26.9	-7.1	324.0	327.0	0.9	91.1	19.6	109.
21.2	74.3	8364.2	350.0	-32.3	-33.5	284.6	31.7	30.7	-8.0	325.2	327.4	0.6	89.4	23.1	108.
25.0	77.9	8883.3	325.0	-36.1	-38.3	283.5	33.8	32.8	-7.9	326.9	328.4	0.4	79.7	26.4	108.
27.0	81.6	9434.1	300.0	-40.6	-42.9	283.5	35.8	34.8	-8.9	327.6	329.9	99.9	99.9	30.6	107.
31.1	85.5	10028.1	275.0	-45.6	-49.9	278.7	37.1	36.7	-5.6	329.3	329.9	99.9	99.9	35.1	106.
31.1	89.7	10647.8	250.0	-50.6	-56.6	274.6	36.8	36.6	-3.0	330.6	329.9	99.9	99.9	39.5	105.
33.2	94.2	11325.4	225.0	-54.3	-61.3	275.0	38.0	37.8	-3.3	332.2	329.9	99.9	99.9	44.0	104.
35.5	99.8	12066.0	200.0	-58.7	-67.9	277.0	48.0	47.6	-5.8	339.2	329.9	99.9	99.9	50.1	103.
37.9	103.8	12896.0	175.0	-64.7	-74.9	278.1	51.2	50.6	-7.2	343.2	329.9	99.9	99.9	57.7	102.
41.1	109.5	13840.2	150.0	-63.4	-79.9	296.5	41.8	40.1	-11.8	360.2	329.9	99.9	99.9	64.8	102.
44.8	115.5	14955.8	125.0	-65.4	-84.9	289.6	31.8	30.0	-10.6	378.5	329.9	99.9	99.9	75.0	101.
49.5	122.5	16334.7	100.0	-59.8	-99.9	278.5	18.5	18.3	-2.7	412.3	329.9	99.9	99.9	81.9	100.
55.7	132.7	18107.6	75.0	-60.2	-99.9	284.8	22.8	22.0	-5.8	440.8	329.9	99.9	99.9	86.3	100.
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 355
ALBUQUERQUE, N.M. MEXICO

25 APRIL 1979

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

145 14. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DIB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	22.3	1019.0	836.7	12.8	-4.3	55.0	2.6	-2.1	-1.5	308.9	310.5	3.3	33.0	0.0	0.
0.9	93.9	95.9	1000.0	95.9	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	97.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.7	99.9	95.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.5	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.4	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.3	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.2	99.9	99.9	825.0	14.2	-41.2	599.9	99.9	99.9	99.9	304.0	304.7	0.1	1.0	99.9	99.9
8.1	23.4	1237.6	807.0	12.3	-42.4	999.9	99.9	99.9	99.9	304.3	304.7	0.1	1.0	99.9	99.9
9.0	25.9	1595.9	775.0	10.6	-43.4	350.6	4.5	0.7	-4.5	305.2	305.6	0.1	1.0	0.4	204.
9.9	29.4	2500.7	750.0	8.2	-44.9	336.1	5.1	2.1	-4.7	305.5	305.9	0.1	1.0	0.6	185.
10.8	30.9	2532.1	725.0	5.7	-46.5	318.5	4.2	2.8	-3.2	305.7	306.0	0.1	1.0	0.8	175.
11.7	36.0	3055.7	700.0	3.8	-47.6	281.0	4.5	4.4	-0.9	306.7	307.0	0.1	1.0	1.0	165.
12.6	39.7	3389.6	675.0	1.5	-48.9	273.0	7.4	7.4	-0.4	307.4	311.5	1.3	21.0	1.1	146.
13.5	41.4	3562.5	650.0	-0.5	-49.6	264.1	11.2	10.9	-2.7	308.4	315.8	2.4	43.2	1.6	130.
14.4	44.2	4004.8	625.0	-3.2	-50.2	268.0	14.9	14.2	-4.6	308.6	320.2	3.9	79.8	2.5	122.
15.3	47.0	4326.8	600.0	-5.4	-51.3	269.6	17.2	16.2	-5.8	309.4	320.9	3.7	86.6	3.4	116.
16.2	49.9	4656.6	575.0	-7.8	-52.9	270.9	19.4	18.1	-6.9	310.6	320.4	3.2	86.0	4.6	116.
17.1	52.9	5004.9	550.0	-9.6	-54.6	290.6	21.7	20.3	-7.6	312.7	321.4	2.9	85.1	5.9	115.
18.0	55.9	5363.3	525.0	-11.4	-56.3	291.1	23.6	22.0	-8.5	314.7	322.4	2.6	86.8	7.6	114.
18.9	59.0	5732.4	500.0	-14.2	-58.0	291.5	24.0	22.3	-8.8	315.7	322.4	2.1	86.1	9.2	114.
19.8	62.1	6123.2	475.0	-17.8	-59.7	288.9	23.9	22.6	-7.8	315.9	319.4	1.1	53.7	11.0	113.
20.7	65.3	6525.8	450.0	-19.2	-61.1	283.2	24.9	23.9	-5.6	319.1	323.4	1.3	71.1	13.0	112.
21.6	69.7	6948.9	425.0	-22.2	-62.7	281.8	28.1	27.5	-5.7	320.5	324.5	1.2	80.5	15.3	110.
22.5	72.1	7391.8	400.0	-25.8	-64.5	282.1	25.5	28.8	-6.2	321.4	324.5	0.9	59.7	17.6	108.
23.4	75.7	7857.6	375.0	-28.5	-66.3	283.8	29.8	29.0	-7.1	323.4	325.9	0.6	59.7	23.6	108.
24.3	79.5	8347.9	350.0	-32.5	-68.0	283.2	30.8	30.0	-7.0	324.9	326.1	0.3	44.9	23.7	108.
25.2	83.4	8866.3	325.0	-36.4	-69.5	283.1	30.1	29.3	-6.8	326.5	327.0	0.1	21.4	26.9	107.
26.1	87.5	9416.1	300.0	-41.1	-71.9	283.0	29.6	28.8	-6.7	327.4	327.0	99.9	99.9	30.3	107.
27.0	91.8	10000.6	275.0	-46.2	-74.9	277.7	39.3	30.0	-4.1	328.3	327.0	99.9	99.9	34.1	106.
27.9	95.4	10427.5	250.0	-50.7	-77.9	276.1	35.2	35.0	-3.8	330.7	327.0	99.9	99.9	38.6	105.
28.8	101.2	11004.9	225.0	-56.4	-80.9	276.3	36.3	36.1	-4.0	332.1	327.0	99.9	99.9	44.0	104.
29.7	105.5	12042.7	200.0	-61.5	-83.9	279.3	37.2	37.3	-6.1	335.4	327.0	99.9	99.9	49.8	103.
30.6	112.0	12670.6	175.0	-67.9	-86.9	281.2	40.4	39.6	-7.9	337.7	327.0	99.9	99.9	57.1	103.
31.5	119.3	13326.5	150.0	-63.3	-89.9	287.1	38.2	36.5	-11.2	342.4	327.0	99.9	99.9	64.9	103.
32.4	125.3	14088.3	125.0	-64.3	-92.9	288.6	28.59	27.1	-9.1	346.2	327.0	99.9	99.9	73.8	103.
33.3	133.0	14917.1	100.0	-63.8	-95.9	292.6	25.29	23.2	-9.7	404.4	327.0	99.9	99.9	81.8	104.
34.2	142.0	15991.9	75.0	-63.4	-99.9	308.1	12.88	10.1	-7.9	439.5	327.0	99.9	99.9	88.5	105.
35.1	151.7	20620.3	50.0	-61.5	-99.9	117.6	4.8	-1.5	-4.6	498.6	327.0	99.9	99.9	90.3	106.
36.0	161.7	25062.0	25.0	-48.7	-99.9	110.2	28.8	-21.1	-7.8	644.6	327.0	99.9	99.9	93.8	107.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS25 APRIL 1979
1105 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	7.7	175.0	989.6	16.9	16.4	180.0	4.1	0.0	4.1	290.9	321.7	12.0	97.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.1	302.1	975.0	16.5	15.5	202.5	10.0	3.0	9.2	291.2	321.4	11.5	93.9	0.2	9.
1.3	11.4	523.9	950.0	16.1	15.0	208.2	11.1	5.2	9.8	292.2	323.2	11.4	92.5	0.7	19.
2.1	13.7	751.0	925.0	15.1	14.0	214.9	11.1	6.4	9.1	294.6	323.5	11.0	92.0	1.3	25.
2.9	16.1	923.2	900.0	13.6	12.4	220.7	10.9	7.1	8.2	295.6	322.2	10.5	92.5	1.8	29.
3.8	18.5	1220.7	875.0	12.4	10.2	225.7	10.0	7.2	7.0	296.7	320.7	9.0	86.3	2.3	32.
4.7	20.9	1463.7	850.0	10.9	8.7	222.7	10.9	7.4	6.0	297.5	320.1	8.4	86.6	2.8	35.
5.4	23.2	1713.0	825.0	10.1	7.2	220.3	11.8	7.6	9.0	299.2	320.5	7.8	82.3	3.3	35.
6.3	25.8	1962.6	800.0	8.3	6.0	223.4	10.4	7.2	7.6	300.8	320.1	7.3	85.3	3.9	36.
7.2	28.3	2230.6	775.0	6.5	4.7	218.3	10.2	6.3	8.0	300.6	320.0	7.0	88.3	4.6	37.
8.2	30.8	2459.7	750.0	5.4	2.3	220.3	8.5	5.5	6.5	302.8	319.4	6.3	80.4	5.1	37.
9.1	33.3	2774.9	725.0	4.4	0.6	229.8	7.4	5.7	4.0	304.3	320.0	5.5	76.3	5.5	38.
10.2	36.0	3061.8	700.0	3.4	-0.8	227.1	5.9	4.3	4.0	305.1	319.9	5.2	78.6	5.9	39.
11.2	38.7	3355.4	675.0	0.4	-1.3	217.2	7.8	4.7	6.2	306.1	321.0	5.2	88.1	6.3	39.
12.2	41.4	3657.6	650.0	-1.7	-3.6	216.3	8.8	5.2	7.1	307.0	320.2	4.5	84.9	6.8	39.
13.3	44.1	3966.8	625.0	-1.8	-10.2	215.0	7.0	4.0	5.8	310.4	318.9	2.8	52.8	7.3	38.
14.5	47.0	4293.6	600.0	-3.6	-12.2	227.5	6.7	5.0	4.6	311.6	319.6	2.5	51.2	7.8	38.
15.6	49.9	4622.4	575.0	-6.0	-15.3	260.2	6.9	6.8	1.2	313.0	319.3	2.0	47.4	8.2	40.
16.6	52.8	4974.8	550.0	-9.0	-19.3	268.0	8.5	8.5	0.3	313.4	318.2	1.5	42.9	8.6	43.
17.1	55.8	5333.5	525.0	-11.3	-24.2	266.9	9.9	9.9	0.5	314.6	318.2	1.0	37.6	9.1	45.
18.2	58.9	5706.2	500.0	-13.4	-28.2	267.6	11.5	11.5	0.5	316.7	316.8	0.0	1.0	9.6	48.
20.5	62.0	6094.3	475.0	-16.4	-30.3	264.1	12.1	12.0	1.2	317.7	317.7	0.0	1.0	10.4	51.
21.9	65.3	6458.4	450.0	-19.9	-32.6	259.0	12.0	11.8	2.3	318.2	318.3	0.0	1.0	11.3	54.
23.4	68.6	6819.5	425.0	-23.3	-34.8	250.8	11.8	11.1	3.9	319.2	319.2	0.0	1.0	12.3	56.
24.9	72.0	7159.7	400.0	-27.1	-37.2	244.7	10.6	9.6	4.5	319.6	319.9	0.0	1.0	13.2	57.
26.4	75.6	7422.0	375.0	-30.3	-39.3	236.0	10.2	9.0	6.1	321.2	321.6	0.0	1.0	14.2	57.
28.0	79.3	7706.2	350.0	-33.7	-41.6	225.6	10.5	8.3	6.4	323.2	323.4	0.0	1.0	15.3	57.
29.8	83.1	8024.6	325.0	-37.8	-44.2	225.6	11.4	8.1	8.0	324.6	324.7	0.0	1.0	16.3	56.
31.6	87.0	8370.9	300.0	-42.2	-46.5	218.3	14.7	9.1	11.5	325.6	325.6	99.9	99.9	17.7	55.
33.6	91.2	8694.5	275.0	-46.5	-48.9	214.7	28.0	11.4	16.5	327.5	327.5	99.9	99.9	19.6	53.
35.5	95.6	9082.0	250.0	-50.5	-50.9	215.7	28.5	16.6	23.2	331.1	331.1	99.9	99.9	22.3	51.
37.7	100.2	9461.7	225.0	-55.4	-55.4	214.8	36.5	20.9	30.0	333.7	333.7	99.9	99.9	24.4	48.
40.0	105.2	9804.0	200.0	-60.6	-60.6	218.9	47.6	29.9	37.1	336.9	336.9	99.9	99.9	31.9	46.
42.5	110.6	10224.1	175.0	-65.5	-65.5	224.3	43.0	30.0	30.8	341.2	341.2	99.9	99.9	39.6	45.
45.3	116.4	10765.0	150.0	-61.6	-61.6	230.6	19.3	14.9	12.3	364.0	364.0	99.9	99.9	44.2	46.
49.0	122.8	11494.0	125.0	-61.6	-61.6	223.8	20.6	14.3	14.9	383.4	383.4	99.9	99.9	48.3	45.
53.4	130.3	12288.4	100.0	-61.3	-61.3	229.2	14.8	11.2	9.6	405.4	405.4	99.9	99.9	53.2	46.
58.9	139.7	13083.6	75.0	-57.7	-57.7	242.6	11.4	10.1	5.2	432.6	432.6	99.9	99.9	57.8	46.
66.4	149.0	14069.4	50.0	-57.6	-57.6	299.8	6.4	5.5	-3.2	507.6	507.6	99.9	99.9	59.8	48.
72.2	161.5	15197.4	25.0	-60.3	-60.3	999.9	99.9	99.9	99.9	643.6	643.6	99.9	99.9	60.0	51.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 25 APRIL 1979
 1405 GMT

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.9	175.0	920.0	16.9	17.2	190.0	5.1	0.9	5.0	202.4	325.5	12.6	90.0	0.0	0.
9.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.3	306.3	575.0	17.5	16.1	197.3	6.5	1.9	6.2	203.6	323.6	11.9	91.4	0.2	9.
1.1	11.6	526.1	550.0	15.6	14.5	213.1	8.1	4.3	6.7	203.1	321.6	11.0	92.7	0.4	16.
1.9	14.0	754.9	525.0	14.8	13.6	226.4	9.7	7.0	6.7	204.4	322.3	10.6	92.4	0.9	30.
2.7	16.5	987.0	900.0	13.6	11.7	225.6	9.7	6.9	6.8	205.5	321.1	9.7	88.1	1.3	37.
3.7	19.9	1224.4	875.0	12.2	10.7	220.0	8.5	5.5	6.5	205.4	321.2	9.3	90.8	1.8	38.
4.6	21.4	1467.4	850.0	10.8	9.5	222.3	7.3	4.9	5.4	207.5	321.2	8.9	92.0	2.3	39.
5.4	23.8	1714.3	825.0	9.4	8.2	215.2	5.7	3.3	4.7	208.6	321.1	8.3	91.8	2.6	39.
6.3	26.4	1971.0	800.0	8.0	6.6	211.1	7.9	3.6	6.0	209.7	320.6	7.7	91.0	2.9	38.
7.2	29.9	2233.2	775.0	6.2	4.9	209.8	8.6	4.3	7.9	300.5	319.9	7.1	91.4	3.3	37.
8.1	31.6	2502.1	750.0	5.3	3.7	214.2	9.1	5.1	7.5	302.3	317.4	5.4	92.0	3.8	36.
9.1	34.2	2775.4	725.0	4.9	-1.3	217.7	8.3	5.1	6.6	304.2	316.6	4.8	64.3	4.4	36.
10.1	36.9	3064.9	700.0	2.9	-2.4	224.4	7.2	5.0	5.1	305.7	318.9	4.6	68.3	4.8	37.
11.2	39.7	3352.8	675.0	1.0	-5.7	231.9	7.3	5.7	4.5	306.2	317.7	3.8	61.4	5.3	38.
12.3	42.4	3662.2	650.0	-0.0	-8.3	236.3	7.1	5.9	4.0	309.0	318.4	3.2	53.7	5.8	39.
13.4	45.3	3975.6	625.0	-1.7	-11.1	229.4	5.2	3.9	3.4	310.2	316.5	2.6	48.4	6.2	40.
14.6	48.2	4255.4	600.0	-3.7	-16.0	222.6	4.0	2.7	2.9	314.3	314.3	0.8	15.8	6.4	40.
15.7	51.1	4534.0	575.0	-5.5	-23.4	246.4	6.5	4.1	1.8	313.2	313.7	0.0	1.0	6.7	41.
16.0	54.1	4981.8	550.0	-6.7	-34.2	275.3	6.7	6.7	-0.6	316.2	316.3	0.0	1.0	7.0	43.
16.3	57.3	5342.9	525.0	-7.4	-56.0	274.1	7.5	7.5	-0.5	316.5	317.1	0.0	1.0	7.4	47.
16.7	60.5	5711.4	500.0	-12.8	-58.0	257.5	6.7	6.5	1.4	317.2	317.6	0.0	1.0	7.8	50.
21.2	63.7	6106.7	475.0	-15.4	-59.7	239.8	7.9	6.9	4.0	319.0	319.1	0.0	1.0	8.4	51.
22.4	67.0	6512.9	450.0	-17.9	-61.3	236.0	9.6	7.9	5.4	320.8	320.8	0.0	1.0	9.1	51.
23.9	70.6	6937.8	425.0	-21.2	-63.4	241.1	9.2	8.0	4.4	321.2	321.9	0.0	1.0	9.9	52.
25.4	74.1	7381.9	400.0	-25.1	-65.9	247.0	10.1	9.3	3.9	322.4	322.5	0.0	1.0	10.7	53.
26.8	77.7	7848.1	375.0	-28.2	-68.0	243.6	9.8	8.7	4.3	324.2	324.3	0.0	1.0	11.5	54.
28.4	81.6	8332.7	350.0	-32.6	-70.9	240.2	10.7	9.3	5.3	324.6	324.6	0.0	1.0	12.5	54.
31.2	85.7	8855.7	325.0	-37.1	-73.9	236.5	13.5	11.2	7.4	325.2	325.6	0.0	1.0	13.7	55.
31.9	89.8	9404.0	300.0	-4	99.9	235.1	15.1	12.4	8.6	326.2	326.2	59.9	99.9	15.3	55.
33.8	94.2	9987.7	275.0	-	99.9	227.5	21.0	15.5	14.2	326.7	326.7	99.9	99.9	17.2	54.
35.8	99.9	10617.1	250.0	-	99.9	217.0	30.7	18.5	24.5	327.1	327.1	99.9	99.9	20.3	53.
36.3	103.8	11298.2	225.0	-55.7	99.9	211.4	38.9	20.3	33.2	328.3	328.3	99.9	99.9	24.4	49.
41.3	107.0	12041.3	200.0	-60.6	99.9	213.9	47.4	26.4	39.3	328.9	328.9	99.9	99.9	30.4	46.
42.7	114.0	12860.0	175.0	-66.7	99.9	220.3	42.6	27.6	32.5	329.5	329.5	99.9	99.9	37.4	44.
45.5	121.0	13792.4	150.0	-63.6	99.9	221.3	20.3	13.4	15.3	330.6	330.6	99.9	99.9	42.5	44.
49.0	129.0	14928.0	125.0	-61.3	99.9	217.4	20.6	12.5	16.3	334.8	334.8	99.9	99.9	45.9	43.
53.2	136.0	16319.0	100.0	-59.1	99.9	229.1	15.7	11.9	10.3	413.5	413.5	99.9	99.9	50.7	43.
58.4	144.7	18126.5	75.0	-57.8	99.9	249.2	18.8	10.1	3.8	481.7	481.7	99.9	99.9	54.3	44.
65.6	154.3	20653.8	50.0	-57.1	99.9	264.4	5.3	5.3	0.8	599.1	599.1	99.9	99.9	56.6	46.
76.9	164.0	23149.8	25.0	-49.5	99.9	254.0	8.6	8.3	2.4	642.8	642.8	99.9	99.9	57.4	48.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 25 APRIL 1979
 1705 GDT

TIME M I S	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MZ RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.7	175.0	588.7	21.9	17.3	200.0	7.2	2.5	6.8	296.0	329.2	12.7	75.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	5.9	295.9	975.0	19.8	14.9	185.6	5.8	0.3	5.9	295.1	324.0	11.0	73.2	0.2	10.
1.4	11.4	518.6	950.0	18.0	15.2	185.4	6.7	0.6	6.6	295.5	325.9	11.6	83.7	0.5	4.
2.2	13.3	747.7	925.0	15.8	13.7	195.2	6.9	2.3	6.5	295.4	323.8	10.8	87.8	0.8	7.
3.1	15.5	980.2	900.0	13.6	12.2	205.5	6.8	3.1	6.1	295.6	321.9	10.0	90.9	1.2	13.
4.0	17.8	1217.3	875.0	11.7	10.8	207.2	7.1	3.2	6.3	296.0	320.9	9.4	94.0	1.6	16.
4.9	20.1	1455.7	850.0	10.3	7.0	203.1	6.6	2.6	6.1	297.0	317.0	7.4	79.8	1.9	18.
5.9	22.5	1708.8	825.0	10.2	6.5	200.4	6.6	2.3	6.2	299.4	319.6	7.4	77.6	2.3	19.
6.8	24.9	1964.9	800.0	9.2	4.4	206.6	9.1	4.1	8.2	300.9	319.1	6.6	71.9	2.7	19.
7.7	27.2	2228.0	775.0	8.7	0.3	213.5	10.9	6.0	9.1	303.2	317.4	5.1	55.3	3.3	21.
8.6	29.6	2499.0	750.0	7.6	-0.2	219.8	9.3	6.0	7.1	304.2	319.2	5.1	57.9	3.8	23.
9.5	32.0	2777.3	725.0	5.4	-1.4	223.5	8.4	5.8	6.1	305.4	319.1	4.8	61.3	4.3	25.
10.5	34.5	3063.5	700.0	3.2	-2.9	225.1	7.9	5.6	5.6	306.1	319.0	4.5	64.5	4.7	27.
11.4	37.1	3357.6	675.0	2.8	-12.2	233.3	7.6	6.1	4.6	308.7	315.7	2.3	33.2	5.1	29.
12.5	39.7	3662.7	650.0	2.0	-48.7	251.3	7.1	6.7	2.3	311.3	311.5	0.1	1.0	5.5	31.
13.6	42.3	3973.5	625.0	-0.2	-50.1	270.3	6.6	6.6	-0.0	312.2	312.5	0.1	1.0	5.8	35.
14.7	45.0	4302.4	600.0	-2.5	-51.5	273.8	7.0	6.9	-0.3	313.2	313.4	0.1	1.0	6.0	39.
15.7	47.5	4636.3	575.0	-5.3	-53.3	269.3	7.1	7.1	0.1	313.2	314.0	0.0	1.0	6.3	42.
16.9	50.6	4985.1	550.0	-8.1	-55.0	257.5	6.8	6.6	1.5	314.5	314.6	0.0	1.0	6.7	45.
19.0	53.4	5344.4	525.0	-10.7	-56.7	244.4	6.4	5.7	2.8	315.5	315.6	0.0	1.0	7.1	46.
19.3	56.3	5717.5	500.0	-13.0	-58.1	228.0	7.6	5.6	5.1	317.2	317.3	0.0	1.0	7.6	47.
20.5	59.3	6106.5	475.0	-15.5	-59.7	223.7	9.6	6.6	6.9	318.2	318.9	0.0	1.0	8.2	47.
21.9	62.4	6512.6	450.0	-17.7	-61.2	230.5	9.5	7.4	6.1	320.9	321.0	0.0	1.0	9.0	47.
23.3	65.5	6937.4	425.0	-21.3	-63.5	237.6	10.1	8.6	5.4	321.7	321.8	0.0	1.0	9.8	47.
24.8	68.8	7361.3	400.0	-24.6	-65.6	240.1	11.0	9.5	5.5	323.1	323.1	0.0	1.0	10.7	48.
26.3	72.1	7842.2	375.0	-28.0	-67.8	236.6	12.0	10.1	6.6	324.6	324.6	0.0	1.0	11.8	49.
27.9	75.6	8339.5	350.0	-32.3	-70.7	235.1	12.9	10.6	7.4	325.2	325.3	0.0	1.0	13.0	50.
29.7	79.3	8857.7	325.0	-36.5	-73.5	235.6	14.6	12.0	8.2	326.4	326.4	0.0	1.0	14.4	50.
31.5	83.0	9407.2	300.0	-40.7	-79.9	229.6	19.0	14.4	12.3	328.0	328.0	99.9	99.9	16.1	51.
33.4	87.0	9994.3	275.0	-45.0	-99.9	223.4	25.4	17.4	18.5	330.1	330.1	99.9	99.9	18.7	50.
35.3	91.3	10625.7	250.0	-49.5	-99.9	205.8	30.1	14.9	26.1	332.5	332.5	99.9	99.9	21.8	48.
37.2	95.8	11306.2	225.0	-55.6	-99.9	206.5	35.3	15.7	31.6	333.3	333.3	99.9	99.9	25.3	45.
39.6	100.4	12045.7	200.0	-62.2	-99.9	209.3	42.4	20.8	37.0	334.3	334.3	99.9	99.9	30.2	42.
42.0	105.6	12852.8	175.0	-68.2	-99.9	220.9	35.3	23.3	26.9	337.4	337.4	99.9	99.9	36.8	41.
45.1	111.3	13792.6	150.0	-63.8	-99.9	210.2	20.8	10.5	18.0	360.1	360.1	99.9	99.9	41.4	41.
48.8	117.5	14914.4	125.0	-60.6	-99.9	215.5	22.5	13.0	18.3	385.2	385.2	99.9	99.9	46.1	39.
53.0	124.5	16309.6	100.0	-59.6	-99.9	226.0	17.5	12.6	12.1	412.8	412.8	99.9	99.9	51.2	39.
58.5	132.7	18121.4	75.0	-57.1	-99.9	257.6	13.4	13.0	2.9	453.2	453.2	99.9	99.9	55.8	41.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, IL., INDIC25 APRIL 1979
2005 647

TIME MIN	CNTCT	WEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	MX WTD CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	6.1	175.0	986.9	22.9	18.1	180.0	7.7	0.0	7.7	298.2	333.5	13.4	70.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	99.9	999.9	999.9	999.9
0.4	9.3	208.9	975.0	21.7	15.0	165.3	7.8	-2.0	7.5	297.0	326.3	11.1	65.7	0.3	333.
1.3	11.7	505.9	950.0	19.4	14.6	171.1	8.2	-1.3	8.1	296.5	326.2	11.1	73.8	0.7	350.
2.1	14.3	735.2	925.0	17.4	14.8	179.4	7.7	-0.1	7.7	297.1	327.7	11.6	85.1	1.1	352.
2.8	16.8	969.1	900.0	15.0	14.1	186.1	7.0	0.7	7.0	297.0	326.9	11.3	94.4	1.4	354.
3.6	19.3	1207.6	875.0	12.9	11.8	191.5	7.5	1.5	7.4	297.2	323.8	10.0	93.1	1.8	358.
4.9	21.9	1451.5	850.0	11.6	11.0	194.0	9.3	2.2	9.0	298.3	324.5	9.8	98.0	2.3	2.
6.2	24.1	1701.4	825.0	10.2	9.7	202.3	10.1	3.8	9.4	299.3	324.2	9.2	96.9	3.0	5.
7.1	27.1	1957.6	800.0	9.2	8.0	225.7	8.4	6.0	5.9	300.9	324.4	8.6	93.1	3.5	8.
8.3	29.9	2219.4	775.0	7.7	-2.1	245.7	7.1	6.5	2.9	302.1	314.2	4.2	49.8	3.9	15.
9.2	32.6	2485.8	750.0	7.6	-20.1	265.0	8.2	8.1	0.7	304.5	308.5	1.2	13.6	4.1	19.
10.3	35.3	2767.8	725.0	6.0	-40.2	279.4	9.0	8.9	-1.5	306.1	306.4	0.1	1.0	4.3	27.
11.4	38.2	3053.9	700.0	4.5	-47.2	278.1	9.5	9.4	-1.3	307.4	307.7	0.1	1.0	4.5	34.
12.3	41.0	3348.8	675.0	3.2	-48.0	274.9	9.2	9.2	-0.8	309.2	309.5	0.1	1.0	4.8	40.
13.4	43.9	3653.5	650.0	1.3	-45.2	273.8	9.0	9.0	-0.9	310.4	310.7	0.1	1.0	5.1	45.
14.6	46.9	3967.5	625.0	-1.0	-50.6	272.3	8.8	8.8	-0.4	311.4	311.6	0.1	1.0	5.3	50.
15.9	50.0	4291.4	600.0	-3.2	-52.0	267.2	7.8	7.8	0.4	312.4	312.6	0.0	1.0	6.1	54.
17.1	53.1	4626.3	575.0	-5.9	-53.7	259.8	7.8	6.9	1.2	313.1	313.2	0.0	1.0	6.6	57.
18.4	56.3	4972.6	550.0	-8.4	-55.2	251.0	7.2	6.8	2.3	314.1	314.3	0.0	1.0	7.1	58.
19.7	59.5	5331.6	525.0	-11.0	-56.9	252.2	7.5	7.2	2.3	315.2	315.3	0.0	1.0	7.6	59.
21.1	62.9	5708.1	500.0	-13.7	-58.6	253.1	7.5	7.2	2.2	316.4	316.5	0.0	1.0	8.3	60.
22.4	66.3	6092.4	475.0	-16.1	-60.2	248.5	7.5	7.0	2.7	318.0	318.1	0.0	1.0	8.8	61.
23.8	69.7	6497.3	450.0	-18.8	-61.8	242.8	7.6	6.8	3.5	319.7	319.8	0.0	1.0	9.5	61.
25.3	73.3	6928.8	425.0	-21.7	-63.7	241.6	7.1	6.2	3.4	321.2	321.3	0.0	1.0	10.1	61.
27.0	77.1	7364.1	400.0	-25.3	-65.1	240.0	9.2	7.9	4.6	322.2	322.2	0.0	1.0	10.9	61.
28.5	81.0	7829.2	375.0	-28.6	-68.2	227.2	10.5	7.7	7.1	323.6	323.8	0.0	1.0	11.7	61.
30.0	85.0	8321.1	350.0	-31.7	-70.3	223.6	13.2	9.1	9.6	326.8	326.0	0.0	1.0	12.8	59.
31.8	89.2	8840.8	325.0	-36.0	-73.1	228.7	15.5	11.7	10.3	327.1	327.1	0.0	1.0	14.3	58.
33.5	93.5	9392.3	300.0	-40.1	-75.9	226.4	19.2	13.9	13.3	328.9	328.9	99.9	999.9	16.1	57.
35.5	98.2	9981.4	275.0	-43.7	-79.9	210.0	24.8	12.4	21.5	331.9	331.9	99.9	999.9	18.5	54.
37.4	103.0	10614.4	250.0	-48.2	-83.9	206.6	30.9	13.9	27.7	333.0	333.0	99.9	999.9	21.4	50.
39.5	109.2	11297.2	225.0	-54.9	-89.9	203.4	36.3	15.6	32.8	334.4	334.4	99.9	999.9	25.2	46.
41.7	113.8	12038.7	200.0	-61.4	-95.5	201.4	41.1	15.0	38.3	335.6	335.6	99.9	999.9	30.2	43.
44.3	119.8	12955.5	175.0	-67.5	-99.9	208.2	35.5	16.8	31.3	338.4	338.4	99.9	999.9	34.3	39.
47.2	126.3	13793.5	150.0	-72.4	-99.9	212.4	23.3	12.5	19.7	362.6	362.6	99.9	999.9	41.0	38.
50.6	133.3	14918.2	125.0	-82.3	-99.9	219.6	24.8	15.3	18.5	382.3	382.3	99.9	999.9	45.3	38.
54.8	141.0	16312.3	100.0	-88.8	-99.9	240.8	18.9	16.5	9.2	414.2	414.2	99.9	999.9	51.1	39.
60.2	149.7	18123.4	75.0	-97.2	-99.9	242.3	8.7	7.7	4.0	453.1	453.1	99.9	999.9	54.8	41.
67.7	158.3	20688.4	50.0	-97.2	-99.9	265.1	5.6	5.6	0.8	508.4	508.4	99.9	999.9	57.5	42.
70.4	167.3	23187.4	25.0	-98.1	-99.9	276.6	14.1	14.0	-1.6	647.8	647.8	999.9	999.9	60.8	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 25 APRIL 1979
 2305 GMT

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	10. 0	10. 0
0-0	8-3	175-0	586-0	22-8	16-8	160-0	6-7	-2-3	6-3	297-2	329-7	12-3	69-0	0-0	0-0
0-9	99-9	59-9	1000-0	55-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-3	9-3	272-9	975-0	21-7	16-7	163-4	9-8	-2-8	9-4	297-6	329-6	12-4	73-2	0-3	341-
1-0	11-4	452-2	550-0	19-7	16-2	163-6	10-0	-2-8	9-5	297-6	329-6	12-3	80-2	0-6	342-
1-6	13-6	727-7	925-0	17-4	15-3	166-0	9-2	-2-2	8-9	297-1	328-6	12-0	87-6	1-1	343-
2-5	15-6	961-7	500-0	15-3	14-3	175-2	8-8	-2-7	8-7	297-2	327-6	11-5	94-0	1-5	344-
3-4	15-1	1200-6	675-0	12-8	12-2	195-8	8-4	2-3	8-1	298-2	325-7	10-3	90-1	1-9	349-
4-3	20-4	1445-4	850-0	13-0	8-9	211-6	7-1	3-7	6-0	299-2	322-8	8-5	76-1	2-3	354-
5-4	22-6	1656-3	825-0	11-9	6-3	225-6	5-4	3-8	3-8	300-2	320-8	7-3	70-4	2-6	1-
6-2	25-3	1953-4	800-0	11-4	-3-2	231-9	5-5	5-3	1-7	303-3	314-2	3-8	35-5	2-7	5-
7-1	27-4	2218-0	775-0	9-8	-3-3	275-6	6-7	6-7	-0-7	304-3	315-7	3-9	40-3	2-8	13-
8-1	29-8	2489-7	750-0	8-2	0-7	289-1	5-8	5-5	-1-9	305-2	320-9	5-4	59-2	2-8	20-
9-1	32-2	2769-3	725-0	6-8	-1-4	282-5	5-1	5-0	-1-1	306-5	320-7	4-8	56-2	2-8	27-
10-0	34-7	3057-0	700-0	5-2	-3-3	271-4	5-4	5-4	-0-1	308-2	320-8	4-3	53-8	2-9	32-
10-9	37-1	3353-1	675-0	3-2	-6-2	275-3	6-7	6-7	-0-6	309-2	319-8	3-6	50-1	3-1	37-
12-0	39-7	3652-6	650-0	2-0	-11-3	275-9	9-8	9-0	-0-9	311-2	318-8	2-5	36-7	3-4	45-
13-1	42-3	3972-8	625-0	-0-3	-14-7	272-9	10-2	10-2	-0-5	312-1	318-3	2-0	33-8	3-8	51-
14-2	45-0	4298-8	600-0	-2-9	-13-0	271-9	10-7	10-7	-0-4	312-1	320-0	2-3	45-4	4-4	57-
15-3	47-7	4634-3	575-0	-5-8	-17-8	271-5	11-0	11-0	-0-3	313-2	318-4	1-7	38-3	5-0	62-
16-6	50-4	4961-3	550-0	-7-9	-29-2	266-5	12-0	12-0	0-7	314-7	316-8	0-6	16-3	5-6	66-
17-8	53-3	5341-4	525-0	-10-2	-30-9	266-1	11-7	11-7	0-8	316-1	318-0	0-6	16-5	6-4	69-
18-2	56-2	5718-1	500-0	-13-3	-27-7	269-3	12-5	12-5	0-2	316-8	319-4	0-6	28-5	7-6	71-
20-4	59-1	6103-2	475-0	-16-8	-30-2	266-0	11-1	11-0	1-1	317-1	319-4	5-7	30-3	8-5	73-
21-8	62-3	6507-8	450-0	-18-5	-61-7	256-5	10-2	9-9	2-4	320-6	320-7	0-0	1-8	9-3	74-
23-1	65-4	6921-3	425-0	-22-1	-64-0	250-8	10-6	10-0	3-5	320-7	320-7	0-0	1-8	10-1	74-
24-4	68-6	7372-7	400-0	-25-8	-66-4	245-5	11-6	10-6	4-8	321-4	321-5	0-0	1-8	11-0	73-
25-9	72-0	7838-1	375-0	-29-2	-68-6	244-2	10-7	9-6	4-7	323-0	323-0	0-0	1-8	11-9	72-
27-5	75-4	8327-5	350-0	-33-0	-71-2	232-4	12-0	5-5	7-3	324-3	324-3	0-0	1-8	13-0	71-
29-1	79-0	8844-2	325-0	-37-0	-73-8	218-9	12-2	7-6	9-5	325-7	325-7	0-0	1-8	14-0	69-
31-0	82-8	9393-0	300-0	-41-0	99-9	213-4	15-9	8-8	13-3	327-6	999-9	99-9	999-9	15-2	64-
32-6	86-7	9980-3	275-0	-44-4	99-9	203-0	23-1	9-0	21-3	330-9	999-9	99-9	999-9	17-1	62-
34-9	90-8	10612-2	250-0	-48-1	99-9	204-4	29-8	12-3	27-2	333-1	999-9	99-9	999-9	19-7	56-
37-2	95-3	11255-2	225-0	-54-8	99-9	157-2	35-8	10-6	34-2	334-4	999-9	99-9	999-9	23-4	50-
39-9	100-0	12038-0	200-0	-60-8	99-9	195-7	39-2	10-6	37-8	336-2	999-9	99-9	999-9	28-8	42-
42-7	105-2	12860-6	175-0	-65-8	99-9	208-6	31-6	15-1	27-8	341-2	999-9	99-9	999-9	34-6	39-
45-6	110-8	13805-4	150-0	-64-0	99-9	222-6	22-4	15-8	17-2	359-2	999-9	99-9	999-9	39-3	38-
49-9	116-8	14920-0	125-0	-61-7	99-9	239-8	19-2	16-6	9-7	383-2	999-9	99-9	999-9	43-5	39-
53-6	124-0	16310-1	100-0	-60-2	99-9	244-3	14-2	12-6	6-2	411-4	999-9	99-9	999-9	47-1	42-
56-0	132-0	18113-2	75-0	-57-9	99-9	233-9	9-6	8-6	4-2	451-2	999-9	99-9	999-9	51-1	43-
60-9	142-0	20627-2	50-0	-54-5	99-9	256-0	4-3	4-2	-1-2	515-1	999-9	99-9	999-9	53-3	46-
76-9	153-5	25161-7	25-0	-50-0	99-9	300-0	9-8	8-4	-5-8	641-2	999-9	99-9	999-9	55-6	49-

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, IL-ICJIS

26 APRIL 1979
205 G47

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	V CCOMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	NR RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.6	179.0	984.6	18.9	17.2	140.0	5.1	-3.3	3.8	293.4	326.2	12.7	90.0	0.0	0.
9.9	99.9	95.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.5	255.3	975.0	17.8	16.4	99.9	99.9	99.9	99.9	293.1	324.5	12.2	91.5	99.9	99.9
1.1	11.8	481.5	950.0	15.8	14.9	99.9	99.9	99.9	99.9	293.2	322.7	11.3	94.9	99.9	99.9
1.9	14.2	758.4	925.0	15.1	13.8	99.9	99.9	99.9	99.9	294.8	322.2	10.8	91.7	99.9	99.9
2.8	16.6	941.1	900.0	14.7	11.9	99.9	99.9	99.9	99.9	296.8	322.8	9.8	83.9	99.9	99.9
3.7	19.0	1179.5	875.0	14.2	7.4	99.9	99.9	99.9	99.9	298.2	318.7	7.4	63.5	99.9	99.9
4.6	21.4	1424.2	850.0	13.6	0.8	99.9	99.9	99.9	99.9	300.4	314.4	5.0	43.5	99.9	99.9
5.4	23.8	1675.2	825.0	12.7	-4.3	99.9	99.9	99.9	99.9	302.0	311.8	3.4	30.8	99.9	99.9
6.4	26.3	1932.8	800.0	11.0	1.5	99.9	99.9	99.9	99.9	302.9	318.0	8.4	52.8	99.9	99.9
7.4	28.8	2197.1	775.0	9.2	0.2	99.9	99.9	99.9	99.9	303.6	318.1	5.0	53.2	99.9	99.9
8.5	31.4	2468.9	750.0	8.6	-0.0	99.9	99.9	99.9	99.9	305.6	320.5	5.1	54.5	99.9	99.9
9.3	34.0	2742.0	725.0	5.9	-1.5	99.9	99.9	99.9	99.9	305.5	319.8	4.7	59.8	99.9	99.9
10.4	36.7	3034.7	700.0	3.5	-2.8	99.9	99.9	99.9	99.9	306.4	319.3	4.5	63.3	99.9	99.9
11.6	39.4	3328.8	675.0	0.7	-2.6	99.9	99.9	99.9	99.9	306.4	320.0	4.7	78.6	99.9	99.9
12.5	42.1	3631.0	650.0	-1.5	-2.8	99.9	99.9	99.9	99.9	307.3	321.2	4.8	90.2	99.9	99.9
13.7	44.9	3942.6	625.0	-3.8	-5.0	99.9	99.9	99.9	99.9	308.2	320.5	4.2	91.2	99.9	99.9
14.7	47.8	4244.3	600.0	-5.8	-6.8	99.9	99.9	99.9	99.9	309.4	320.8	3.8	92.8	99.9	99.9
15.0	50.6	4556.9	575.0	-8.1	-8.9	99.9	99.9	99.9	99.9	310.5	320.7	3.4	94.3	99.9	99.9
17.2	53.6	4940.9	550.0	-10.7	-12.8	99.9	99.9	99.9	99.9	311.4	319.4	2.6	84.4	99.9	99.9
18.6	56.8	5297.4	525.0	-12.6	-19.3	99.9	99.9	99.9	99.9	313.2	318.2	1.6	57.3	99.9	99.9
19.8	59.9	5669.4	500.0	-13.5	-26.5	99.9	99.9	99.9	99.9	316.6	316.7	0.0	1.0	99.9	99.9
21.1	63.0	6056.9	475.0	-16.8	-30.6	99.9	99.9	99.9	99.9	317.2	317.3	0.0	1.0	99.9	99.9
22.4	65.3	6458.7	450.0	-19.6	-32.4	99.9	99.9	99.9	99.9	318.5	318.7	0.0	1.0	99.9	99.9
23.8	69.7	6882.5	425.0	-23.1	-34.7	99.9	99.9	99.9	99.9	319.3	319.4	0.0	1.0	99.9	99.9
25.4	73.3	7323.1	400.0	-26.3	-36.7	99.9	99.9	99.9	99.9	320.2	320.9	0.0	1.0	99.9	99.9
26.8	74.9	7786.4	375.0	-29.9	-39.1	99.9	99.9	99.9	99.9	322.1	322.1	0.0	1.0	99.9	99.9
28.0	83.7	8273.6	350.0	-34.1	-41.9	99.9	99.9	99.9	99.9	322.7	322.8	0.0	1.0	99.9	99.9
30.6	84.7	8787.8	325.0	-38.5	-44.8	99.9	99.9	99.9	99.9	323.4	323.6	0.0	1.0	99.9	99.9
32.6	88.8	9233.4	300.0	-41.9	-49.9	99.9	99.9	99.9	99.9	326.3	323.9	99.9	99.9	99.9	99.9
34.6	93.2	9617.3	275.0	-46.5	-59.9	99.9	99.9	99.9	99.9	327.9	327.9	99.9	99.9	99.9	99.9
36.5	97.8	10542.0	250.0	-51.6	-59.9	99.9	99.9	99.9	99.9	329.4	329.4	99.9	99.9	99.9	99.9
39.0	102.6	11220.0	225.0	-54.4	-59.9	99.9	99.9	99.9	99.9	335.2	335.2	99.9	99.9	99.9	99.9
41.5	108.0	11964.2	200.0	-60.5	-59.9	99.9	99.9	99.9	99.9	336.9	336.9	99.9	99.9	99.9	99.9
44.4	113.6	12768.7	175.0	-65.6	-59.9	203.2	28.1	12.0	25.4	341.7	341.7	99.9	99.9	35.0	42.
47.9	119.8	13717.4	150.0	-67.1	-59.9	220.8	22.6	14.8	17.1	354.6	354.6	99.9	99.9	40.2	48.
51.7	126.8	14832.9	125.0	-62.1	-59.9	242.5	17.4	15.5	8.0	382.2	382.2	99.9	99.9	44.8	42.
56.9	136.5	16223.0	100.0	-60.0	-59.9	247.2	11.1	10.2	4.3	411.8	411.8	99.9	99.9	48.4	44.
63.2	143.0	18037.8	75.0	-57.9	-59.9	248.1	7.8	7.2	2.9	451.5	451.5	99.9	99.9	51.6	45.
72.0	152.3	20601.1	50.0	-57.1	-59.9	295.3	4.2	3.8	-1.8	509.1	509.1	99.9	99.9	53.5	47.
85.3	161.3	25055.0	25.0	-51.6	-59.9	308.7	4.8	3.8	-3.8	636.9	636.9	99.9	99.9	54.8	51.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 26 APRIL 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	12. 0
0.0	8.0	175.0	984.0	17.7	16.2	180.0	5.1	0.0	5.1	292.2	322.9	11.9	91.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	0.0	253.9	975.0	17.6	16.7	99.9	99.9	99.9	99.9	292.5	324.8	12.4	94.1	99.9	99.9
0.9	11.1	476.1	950.0	15.9	15.4	99.9	99.9	99.9	99.9	293.3	323.8	11.7	96.9	99.9	99.9
1.0	13.4	703.2	925.0	15.3	14.4	99.9	99.9	99.9	99.9	293.0	324.4	11.3	98.5	1.5	10.0
2.5	15.8	938.0	900.0	14.8	13.8	207.5	15.3	7.0	13.5	296.6	326.4	11.1	93.5	2.2	15.0
3.4	18.1	1174.7	875.0	13.0	12.6	211.3	14.9	7.8	12.8	298.1	326.2	10.5	92.5	2.9	19.0
4.4	20.6	1419.2	850.0	12.3	8.7	211.0	14.7	7.6	12.6	298.0	321.7	8.4	78.9	3.7	21.0
5.2	23.1	1665.2	825.0	11.0	4.9	213.9	12.2	6.8	10.1	300.2	318.4	6.6	66.1	4.5	23.0
6.2	25.6	1926.2	800.0	10.0	-4.1	214.6	8.7	4.9	7.1	302.8	313.1	3.6	35.1	5.0	25.0
7.1	28.1	2190.5	775.0	5.6	4.0	224.9	6.9	4.9	4.9	304.1	322.7	6.6	68.1	5.4	25.0
8.1	30.7	2462.3	750.0	7.9	-0.7	247.4	7.3	6.7	2.8	305.2	319.1	4.9	54.4	5.7	27.0
9.0	33.3	2741.1	725.0	5.5	0.5	245.4	8.7	7.9	3.6	305.2	321.1	4.5	52.2	7.5	38.0
10.0	35.0	3027.0	700.0	3.1	-0.2	250.0	9.0	8.3	3.4	305.9	324.3	6.5	95.4	6.5	33.0
10.9	39.7	3321.5	675.0	1.2	-0.2	250.0	9.7	9.1	3.3	307.1	323.1	5.6	90.1	7.0	35.0
12.0	41.4	3624.5	650.0	-0.9	-3.8	246.8	10.4	9.5	4.1	307.6	321.1	4.5	82.2	7.5	38.0
13.0	44.2	3937.5	625.0	-1.5	-14.0	237.9	12.1	10.2	6.4	310.6	317.2	2.1	37.8	8.1	40.0
14.0	47.1	4261.4	600.0	-3.8	-15.0	239.3	11.5	9.9	5.9	311.8	317.9	2.0	41.1	8.9	42.0
15.3	50.1	4555.9	575.0	-6.5	-17.2	238.1	12.3	10.4	6.5	313.4	317.8	1.7	42.1	9.7	43.0
16.5	53.1	4941.9	550.0	-8.8	-15.6	243.9	12.2	10.9	5.3	313.6	320.1	2.1	59.0	10.5	44.0
17.7	56.1	5308.5	525.0	-11.0	-16.7	245.8	12.2	11.1	5.0	314.2	320.5	2.0	67.5	11.4	46.0
19.0	59.3	5673.0	500.0	-13.8	-28.1	233.7	11.3	9.1	6.7	316.2	318.8	0.8	28.6	12.3	47.0
20.4	62.5	6061.6	475.0	-15.3	-55.1	219.0	10.0	6.8	8.4	319.0	319.2	0.0	2.0	13.2	47.0
21.0	65.0	6467.8	450.0	-18.0	-46.4	228.8	10.7	8.0	7.0	320.6	321.1	0.1	6.3	14.0	47.0
22.2	68.1	6852.2	425.0	-21.4	-62.2	246.4	11.7	10.7	4.7	321.6	321.7	0.0	1.4	14.9	49.0
24.7	72.7	7335.8	400.0	-25.3	-55.8	250.1	11.9	11.2	4.1	322.1	322.3	0.0	3.9	15.9	49.0
26.4	76.4	7800.9	375.0	-29.0	-59.4	240.4	13.3	11.5	6.6	323.2	323.4	0.0	4.4	17.1	50.0
29.0	80.2	8298.8	350.0	-32.4	-59.4	233.6	12.8	10.3	7.6	325.0	325.2	0.0	4.8	18.5	51.0
29.9	84.2	8808.8	325.0	-36.5	-61.7	237.6	12.2	10.3	6.5	325.3	325.4	0.0	5.4	19.8	51.0
31.6	88.3	9359.1	300.0	-40.7	-69.9	244.5	17.5	19.8	7.5	328.1	999.9	99.9	99.9	21.3	52.0
33.6	92.7	9945.7	275.0	-45.5	99.9	232.7	20.9	16.6	12.7	329.3	999.9	99.9	99.9	23.5	53.0
35.0	97.3	10374.9	250.0	-50.1	99.9	221.0	27.1	18.1	20.2	331.4	999.9	99.9	99.9	26.6	52.0
39.1	102.2	11255.3	225.0	-55.4	99.9	209.5	32.2	15.9	26.0	333.6	999.9	99.9	99.9	30.5	59.0
40.1	107.4	11955.4	200.0	-61.9	99.9	199.1	36.1	11.8	34.1	335.7	999.9	99.9	99.9	34.2	47.0
42.4	113.0	12677.6	175.0	-68.6	99.9	207.3	30.6	14.0	27.2	336.8	999.9	99.9	99.9	38.0	43.0
45.6	119.3	13729.8	150.0	-63.6	99.9	222.5	19.3	13.1	14.2	340.9	999.9	99.9	99.9	43.1	42.0
49.1	126.0	14858.5	125.0	-62.1	99.9	245.8	17.6	12.4	5.7	382.6	999.9	99.9	99.9	48.3	44.0
54.2	134.0	16259.7	100.0	-52.7	99.9	246.9	7.9	7.2	3.1	410.3	999.9	99.9	99.9	49.8	44.0
60.2	142.7	18074.6	75.0	-57.6	99.9	251.8	0.8	8.4	2.7	453.3	999.9	99.9	99.9	51.7	46.0
68.7	152.7	20636.3	50.0	-58.3	99.9	262.6	4.2	4.2	0.5	503.3	999.9	99.9	99.9	53.9	47.0
81.0	163.5	25068.9	25.0	-50.7	99.9	999.9	99.9	99.9	99.9	638.2	999.9	99.9	99.9	55.3	50.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 423
SALEM, ILLINOIS
26 APRIL 1979
805 CMT

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WIND G/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.4	175.0	583.4	17.7	15.2	180.0	5.1	0.0	5.1	292.2	323.0	11.9	91.0	0.0	0.
9.9	92.9	99.9	1000.0	99.9	79.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	9.1	246.6	579.0	17.3	15.2	99.9	99.9	99.9	99.9	292.2	323.5	12.0	93.3	99.9	99.9
3.8	11.4	470.3	950.0	15.2	14.5	99.9	99.9	99.9	99.9	292.6	321.2	11.0	95.9	99.9	99.9
1.5	13.6	656.4	925.0	13.8	13.1	99.9	99.9	99.9	99.9	293.4	320.4	10.3	95.3	99.9	99.9
2.0	16.0	927.7	903.0	12.1	12.4	99.9	99.9	99.9	99.9	293.1	321.8	10.1	95.3	99.9	99.9
2.5	15.4	1163.2	875.0	12.4	11.6	99.9	99.9	99.9	99.9	296.7	323.0	9.9	95.0	99.9	99.9
3.0	23.8	1408.5	850.0	11.2	10.4	99.9	99.9	99.9	99.9	297.2	323.5	9.4	94.9	99.9	99.9
1.6	23.3	1658.1	825.0	10.1	9.3	99.9	99.9	99.9	99.9	299.2	323.5	9.0	94.7	99.9	99.9
3.3	25.8	1914.0	800.0	8.7	7.7	99.9	99.9	99.9	99.9	300.4	323.1	8.3	93.5	99.9	99.9
3.9	25.3	2172.6	775.0	7.2	6.2	99.9	99.9	99.9	99.9	301.6	322.7	7.7	93.3	99.9	99.9
4.9	33.8	2446.2	753.0	5.9	4.9	99.9	99.9	99.9	99.9	303.0	323.2	7.3	93.8	99.9	99.9
1.1	33.4	2723.5	725.0	3.7	2.8	99.9	99.9	99.9	99.9	303.6	321.5	6.4	92.2	99.9	99.9
2.2	36.1	3008.4	700.0	2.2	0.4	99.9	99.9	99.9	99.9	304.9	320.9	5.6	87.8	99.9	99.9
13.2	33.6	3301.6	675.0	0.3	-1.2	99.9	99.9	99.9	99.9	306.0	320.9	5.2	89.9	99.9	99.9
11.1	41.4	3603.7	650.0	-1.8	-3.3	99.9	99.9	99.9	99.9	307.0	320.3	4.6	89.3	99.9	99.9
12.3	44.3	3914.9	625.0	-3.9	-5.2	99.9	99.9	99.9	99.9	308.0	320.1	4.2	90.7	99.9	99.9
11.3	47.1	4236.5	600.0	-5.5	-6.7	99.9	99.9	99.9	99.9	309.8	321.2	3.9	90.7	99.9	99.9
13.5	50.0	4570.2	575.0	-6.8	-8.5	99.9	99.9	99.9	99.9	312.0	322.5	3.5	87.3	99.9	99.9
13.6	53.0	4915.9	550.0	-10.3	-17.7	99.9	99.9	99.9	99.9	311.9	317.3	1.7	56.6	99.9	99.9
17.1	56.0	5273.1	525.0	-12.3	-22.5	99.9	99.9	99.9	99.9	313.6	317.5	1.2	42.0	99.9	99.9
13.4	53.1	5645.1	500.0	-14.1	-28.5	99.9	99.9	99.9	99.9	315.6	318.3	0.7	28.1	99.9	99.9
19.7	62.3	6032.7	475.0	-16.3	-34.8	99.9	99.9	99.9	99.9	317.8	318.0	0.0	2.2	99.9	99.9
21.0	65.6	6437.5	450.0	-16.2	-62.1	99.9	99.9	99.9	99.9	319.1	319.2	0.0	1.0	99.9	99.9
22.4	69.9	6860.1	425.0	-22.2	-64.1	99.9	99.9	99.9	99.9	320.6	320.6	0.0	1.0	99.9	99.9
24.0	72.4	7303.0	400.0	-25.3	-32.3	99.9	99.9	99.9	99.9	322.1	324.3	0.6	51.5	99.9	99.9
25.5	74.0	7768.7	375.0	-28.5	-14.2	226.8	12.6	5.2	6.6	323.5	325.8	0.6	57.8	22.7	42.
27.2	79.7	9255.3	350.0	-32.7	-38.4	234.0	12.4	10.0	7.3	324.7	326.1	0.4	56.1	23.9	42.
24.0	83.7	9776.9	325.0	-37.2	-44.3	242.8	14.3	12.7	6.5	325.2	326.3	0.2	46.8	25.4	43.
31.0	87.7	9325.0	300.0	-41.6	59.9	243.2	14.2	12.7	6.3	326.7	326.3	99.9	99.9	27.0	44.
33.1	91.8	9902.7	275.0	-46.5	99.9	232.4	15.2	12.1	9.3	327.9	326.3	99.9	99.9	28.7	45.
35.5	96.4	10537.2	250.0	-52.4	59.9	231.4	18.7	14.6	11.7	329.2	326.3	99.9	99.9	31.1	46.
37.9	101.0	11204.9	225.0	-58.3	95.9	221.5	21.0	14.0	15.8	329.2	326.3	99.9	99.9	34.1	46.
41.3	106.2	11937.4	200.0	-63.9	99.9	202.1	24.0	9.0	22.3	331.6	326.3	99.9	99.9	36.0	46.
44.6	111.8	12744.4	175.0	-65.0	99.9	202.3	26.3	10.7	26.2	336.1	326.3	99.9	99.9	43.1	41.
49.6	117.8	13692.2	150.0	-60.2	59.9	236.0	20.6	17.1	11.5	346.4	326.3	99.9	99.9	48.7	40.
53.3	124.5	14835.4	125.0	-55.1	99.9	248.4	11.1	10.3	4.1	388.0	326.3	99.9	99.9	52.3	43.
57.0	132.0	16224.3	100.0	-60.9	99.9	249.1	8.4	7.8	3.0	410.1	326.3	99.9	99.9	54.9	44.
66.1	140.7	18031.2	75.0	-51.0	99.9	265.2	8.6	8.5	0.7	451.3	326.3	99.9	99.9	58.0	46.
76.0	151.0	20580.7	50.0	-60.4	99.9	284.6	8.1	4.9	-1.3	501.3	326.3	99.9	99.9	59.9	48.
92.7	162.0	25004.4	25.0	-52.9	99.9	283.5	12.0	11.9	1.4	632.7	326.3	99.9	99.9	62.5	51.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS26 APRIL 1979
1105 GMT

161 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG M	E POT T DEG K	MZ RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.3	175.0	585.0	9.4	0.9	330.0	7.2	3.6	-0.2	283.6	302.4	7.3	97.0	0.0	0.
00.9	99.9	59.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	9.2	200.0	575.0	9.9	0.5	319.4	11.3	7.4	-0.6	285.1	303.5	7.2	91.2	0.4	103.
1.0	11.6	675.6	950.0	0.2	7.0	319.2	12.9	0.4	-0.8	285.2	303.6	7.0	97.1	0.0	102.
1.0	14.1	655.7	925.0	7.0	6.5	321.3	14.3	0.9	-11.1	286.5	303.6	6.6	96.9	1.4	100.
2.6	16.6	921.4	500.0	7.7	7.3	317.3	11.2	7.6	-0.3	289.5	308.3	7.2	97.0	2.1	102.
3.5	19.0	1154.9	875.0	5.9	9.5	284.7	8.5	8.2	-2.1	294.1	316.7	8.6	97.3	2.5	130.
4.4	21.6	1306.7	850.0	9.7	9.3	269.4	9.6	9.0	0.1	296.3	319.5	8.7	97.3	2.9	131.
5.3	24.2	1645.1	825.0	5.0	8.5	262.6	10.1	10.0	1.3	298.1	321.0	8.5	96.6	3.2	125.
6.1	26.8	1900.0	800.0	7.5	7.2	258.9	11.6	11.3	2.2	299.0	321.4	8.0	94.9	3.7	119.
7.1	29.4	2142.3	775.0	6.9	6.3	252.9	14.2	13.6	4.2	301.2	322.6	7.3	96.1	4.2	112.
8.1	32.0	2431.8	750.0	5.5	4.9	252.2	16.0	15.0	5.1	302.2	322.6	7.3	96.1	5.0	105.
9.0	34.8	2708.0	725.0	3.0	3.1	256.0	17.1	16.6	3.0	303.4	322.2	6.6	95.6	5.8	100.
10.0	37.4	2953.7	700.0	2.2	1.3	262.1	18.5	16.4	2.3	304.5	321.9	6.0	93.0	6.0	97.
11.0	40.2	3233.1	675.0	0.3	-0.6	264.8	17.0	17.0	1.5	306.0	321.0	5.5	93.0	7.7	95.
12.0	43.0	3589.0	650.0	-1.9	-2.5	264.5	15.1	15.1	-1.4	306.5	321.0	4.9	95.2	8.7	94.
13.2	45.9	3950.0	625.0	-4.4	-7.7	265.5	16.0	16.7	1.6	307.4	317.6	3.4	77.7	9.7	93.
14.3	48.9	4311.1	600.0	-5.5	-10.0	265.1	20.5	20.4	1.7	309.0	314.6	1.5	30.6	11.0	92.
15.4	51.9	4653.3	575.0	-7.1	-10.4	260.3	18.6	18.3	3.1	311.7	316.3	1.4	36.4	12.2	91.
16.5	55.0	4980.9	550.0	-8.0	-20.5	258.9	21.5	21.1	4.1	313.7	316.3	0.0	22.1	13.5	90.
17.6	58.1	5257.6	525.0	-11.1	-37.3	256.6	22.9	22.3	5.3	315.1	317.1	0.3	9.6	15.0	89.
18.0	61.4	5631.6	500.0	-13.7	-39.5	251.4	22.0	20.9	7.0	316.2	317.3	0.3	10.4	16.0	87.
20.2	64.6	6019.7	475.0	-16.2	-45.9	245.7	23.2	21.2	9.6	318.0	318.5	0.1	5.6	18.4	86.
21.6	68.0	6421.1	450.0	-16.1	-40.0	244.2	23.4	21.1	10.2	319.2	320.1	0.3	13.7	20.2	84.
23.1	71.4	6847.1	425.0	-22.3	-31.9	240.2	21.9	19.0	10.9	320.4	320.5	0.6	40.0	22.1	82.
24.6	75.0	7200.1	400.0	-25.0	-32.1	233.6	22.1	17.0	13.1	322.5	324.7	0.6	51.3	23.9	80.
26.3	78.7	7570.0	375.0	-28.7	-35.3	229.3	22.5	17.1	14.7	323.6	325.4	0.5	52.4	25.9	78.
27.9	82.6	8246.0	350.0	-32.0	-38.0	220.1	20.9	13.5	16.0	324.5	325.9	0.4	54.0	27.7	75.
29.7	86.7	8763.0	325.0	-37.1	-43.6	210.2	15.7	9.9	17.1	325.2	326.4	0.2	50.3	29.4	72.
31.5	90.0	9311.2	300.0	-41.0	-50.9	192.6	17.4	3.0	16.9	326.2	326.9	99.9	999.9	30.7	70.
33.4	93.2	9854.7	275.0	-46.7	-59.9	177.4	17.0	-0.0	22.0	327.7	327.7	99.9	999.9	31.6	68.
35.5	99.0	10215.5	250.0	-51.5	-59.9	175.0	22.1	-1.9	22.0	329.2	329.2	99.9	999.9	32.3	62.
37.7	104.6	11194.6	225.0	-54.5	-59.9	167.2	31.0	3.9	30.7	332.0	332.0	99.9	999.9	34.1	57.
40.3	109.0	11934.0	200.0	-62.1	-59.9	199.1	32.2	10.5	30.4	334.2	334.2	99.9	999.9	36.0	52.
43.3	115.4	12757.6	175.0	-59.0	-59.9	223.9	24.4	16.9	17.0	352.0	352.0	99.9	999.9	42.6	48.
46.6	121.5	13727.0	150.0	-54.5	-59.9	243.9	17.1	15.4	7.8	372.2	372.2	99.9	999.9	46.0	50.
50.4	129.0	14804.0	125.0	-57.4	-59.9	237.2	10.4	8.7	5.6	391.1	391.1	99.9	999.9	49.0	51.
55.3	135.7	16209.0	100.0	-57.9	-59.9	262.1	10.0	9.9	1.4	415.0	415.0	99.9	999.9	52.4	51.
61.1	144.0	18113.3	75.0	-58.3	-59.9	282.4	5.6	5.4	-1.2	454.0	454.0	99.9	999.9	54.0	51.
68.0	153.3	20692.9	50.0	-54.1	-59.9	302.0	4.9	4.2	-2.6	511.5	511.5	99.9	999.9	55.5	55.
81.4	163.5	25170.5	25.0	-47.0	-59.9	999.9	09.0	99.9	99.9	607.3	607.3	99.9	999.9	56.7	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. Q51
DODGE CITY, KANSAS25 APRIL 1979
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT V DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	15.4	791.0	911.6	13.3	12.5	345.0	7.7	2.0	-7.4	294.1	320.6	10.1	95.0	0.0	0.
9.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	59.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	59.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	16.6	892.0	900.0	11.8	11.8	343.2	17.5	5.1	-10.8	293.7	319.2	9.7	100.1	0.5	100.
1.4	19.1	1136.0	875.0	14.5	10.4	345.2	16.3	4.1	-15.6	298.9	323.5	9.1	76.6	1.4	103.
2.4	21.6	1382.7	850.0	17.4	-2.6	331.5	10.6	5.1	-9.4	304.4	315.0	4.0	27.3	2.2	104.
3.4	24.2	1637.4	825.0	16.0	-11.1	311.2	6.4	4.8	-4.2	307.7	313.7	2.0	12.6	2.6	150.
4.2	25.7	1900.8	800.0	16.0	-16.8	301.3	7.8	6.0	-3.6	311.2	315.3	1.3	7.5	2.9	150.
5.0	29.2	2171.6	775.0	17.2	-19.0	289.6	7.8	7.3	-2.6	312.2	315.9	1.1	6.9	3.2	152.
5.9	31.9	2440.5	750.0	14.9	-18.6	273.4	5.7	5.7	-0.3	312.7	316.5	1.2	8.3	3.4	157.
6.9	34.6	2734.4	725.0	12.2	-18.7	270.0	5.4	5.6	0.0	312.6	316.7	1.2	9.8	3.6	158.
7.9	37.3	3026.5	700.0	9.5	-17.6	266.2	5.9	5.9	0.4	313.0	317.4	1.4	12.9	3.8	158.
8.8	43.1	3326.1	675.0	6.0	-17.9	256.3	6.0	5.8	1.4	313.3	317.7	1.4	15.1	4.0	158.
9.9	43.0	3634.3	650.0	3.9	-17.7	235.0	4.9	4.0	2.7	313.3	318.0	1.5	18.8	4.2	158.
10.9	45.8	3951.2	625.0	0.9	-15.9	228.7	5.1	3.9	3.4	313.5	319.1	1.8	27.0	4.2	126.
11.9	49.8	4277.4	600.0	-2.2	-16.5	230.1	6.0	4.6	3.9	313.6	319.1	1.8	32.4	4.3	122.
12.1	51.8	4613.5	575.0	-5.3	-19.0	238.4	7.7	6.6	4.1	313.9	318.5	1.5	32.8	4.5	116.
13.2	54.9	4960.6	550.0	-8.4	-20.5	250.9	8.7	8.3	2.9	314.2	318.5	1.4	36.7	4.9	111.
14.3	58.0	5316.6	525.0	-11.4	-18.9	251.8	8.6	8.2	2.7	314.6	319.9	1.6	53.3	5.3	107.
15.4	61.3	5692.5	500.0	-13.7	-22.9	257.3	10.0	9.8	2.2	316.2	320.3	1.2	45.9	5.8	104.
16.6	64.6	6088.5	475.0	-16.3	-43.6	271.2	13.3	13.3	-0.3	317.4	318.4	0.2	7.4	6.7	101.
17.2	68.0	6486.6	450.0	-18.5	-45.5	278.2	16.1	15.9	-2.3	318.7	319.7	0.1	7.0	8.0	101.
20.5	71.4	6500.5	425.0	-22.1	-49.2	277.5	17.0	16.9	-2.7	319.4	319.2	0.1	7.0	9.3	100.
21.0	75.1	7346.7	400.0	-27.5	-40.7	279.1	16.8	16.6	-2.7	319.2	319.6	0.1	9.9	10.8	100.
23.5	79.9	7807.2	375.0	-31.8	-40.2	280.9	17.6	17.3	-3.3	319.5	319.9	0.1	15.9	12.4	100.
24.2	82.8	8266.5	350.0	-36.3	-50.0	278.4	20.3	20.1	-3.0	319.6	320.2	0.1	22.5	14.3	100.
26.8	86.8	8901.6	325.0	-39.3	-51.1	267.2	21.0	21.5	1.1	322.2	322.9	0.1	27.2	16.4	99.
27.7	91.2	9344.2	300.0	-44.3	99.9	244.5	19.1	19.0	1.8	322.5	322.9	0.1	99.9	18.5	97.
30.4	95.6	9921.1	275.0	-49.4	99.9	265.7	18.0	17.9	1.3	323.6	323.6	99.9	99.9	20.5	96.
32.4	102.3	10537.7	250.0	-55.1	99.9	274.7	19.3	19.3	-1.6	324.1	324.1	99.9	99.9	22.6	96.
34.5	105.3	11200.9	225.0	-61.0	99.9	286.2	21.3	20.4	-5.9	325.1	325.1	99.9	99.9	25.0	98.
37.0	110.8	11927.0	200.0	-64.1	99.9	295.2	14.0	13.2	-0.2	331.3	331.3	99.9	99.9	29.0	98.
39.4	116.6	12739.6	175.0	-64.9	99.9	273.7	16.3	16.2	-1.1	342.6	342.6	99.9	99.9	29.6	98.
42.5	123.0	13691.9	150.0	-62.4	99.9	281.0	20.3	19.9	-3.9	362.6	362.6	99.9	99.9	33.4	98.
46.1	132.0	14824.1	125.0	-58.6	99.9	290.4	18.8	14.0	-5.5	368.9	368.9	99.9	99.9	37.4	98.
50.2	137.7	16232.1	100.0	-57.1	99.9	301.0	7.7	6.6	-4.0	417.4	417.4	99.9	99.9	40.1	99.
55.5	146.3	18053.6	75.0	-57.6	99.9	325.6	7.0	4.3	-6.3	452.2	452.2	99.9	99.9	42.5	100.
62.6	155.7	20618.2	50.0	-58.4	99.9	340.5	4.6	1.5	-4.3	505.3	505.3	99.9	99.9	44.5	101.
73.2	164.7	25081.0	25.0	-68.4	99.9	276.7	3.9	3.9	-0.5	645.0	645.0	99.9	99.9	46.0	103.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 481
 GOOSE CITY, KANSAS

 25 APRIL 1979
 1421 GMT

TIME	CHCT	HEIGHT	PRES	TEMP	DEW PT	D/R	SPEED	U COMP	V COMP	POV T	S POT T	WIND	RM	RANGE	AZ
MI		FT	MB	C	IN	DEG	M/SEC	M/SEC	M/SEC	DEG	DEG	CM/SEC	PCT	KM	DEG
0.0	14.9	701.0	917.0	6.3	7.4	10.0	18.4	-2.7	-18.2	289.1	308.2	7.3	93.0	0.0	0.
00.0	99.9	99.9	1000.0	7.4	10.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	6.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	950.0	7.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	925.0	7.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	16.5	943.0	900.0	7.3	6.9	9.0	22.3	-2.0	-22.2	289.1	307.2	6.9	96.5	0.7	182.
1.2	19.0	1177.2	875.0	5.3	5.2	7.8	22.5	-3.1	-22.3	289.3	306.1	6.4	99.0	1.6	184.
2.5	24.0	1412.5	850.0	10.2	9.9	9.4	19.4	-3.2	-19.1	296.8	321.1	9.1	98.5	2.5	187.
3.1	26.6	1665.0	825.0	10.1	10.0	1.1	10.0	-0.4	-19.0	299.3	324.7	9.4	99.1	3.2	187.
3.8	29.2	1922.1	800.0	5.0	8.9	349.2	16.9	3.2	-16.6	300.8	325.2	9.0	99.3	3.9	185.
4.5	31.0	2185.3	775.0	9.4	-11.3	324.8	14.0	8.1	-11.5	303.5	310.4	2.2	23.4	4.4	182.
5.3	34.4	2455.3	750.0	13.1	-41.9	309.1	12.4	9.6	-7.8	310.6	311.2	6.1	1.0	4.0	176.
6.2	37.2	2742.9	725.0	11.4	-42.0	303.6	10.3	6.5	-8.7	312.0	312.4	6.1	1.0	5.2	171.
6.9	40.0	3034.6	700.0	9.0	-44.4	283.7	7.5	7.7	-1.9	312.4	312.8	6.1	1.0	5.5	168.
7.7	42.8	3333.6	675.0	7.1	-45.6	266.6	7.4	7.4	0.5	313.4	313.9	6.1	1.0	5.6	164.
8.5	45.4	3641.9	650.0	4.2	-38.6	254.2	6.6	8.3	2.4	313.7	314.5	6.2	2.4	5.6	161.
9.2	48.6	3959.0	625.0	1.3	-32.2	247.2	9.0	9.1	3.0	314.0	315.4	6.4	6.1	5.4	156.
10.1	51.5	4283.5	600.0	-1.5	-20.9	239.0	10.9	10.3	3.0	314.4	316.0	6.5	6.4	5.0	151.
11.0	54.5	4622.3	575.0	-4.3	-40.1	235.7	12.4	12.0	3.1	315.6	315.7	6.2	4.1	5.0	145.
12.0	57.6	4970.6	550.0	-7.0	-40.8	260.2	14.0	13.0	2.4	315.7	316.4	6.2	4.7	6.1	139.
13.1	60.9	5331.3	525.0	-9.9	-42.9	241.9	14.6	16.4	2.1	316.0	317.2	6.2	4.7	6.6	133.
14.1	64.1	5705.2	500.0	-13.4	-37.6	246.1	15.7	15.7	1.1	316.8	317.0	6.3	10.9	7.3	127.
15.1	67.4	6095.6	475.0	-16.0	-43.7	241.6	15.3	15.2	2.2	318.1	318.7	6.2	7.1	8.0	122.
16.2	70.9	6468.4	450.0	-19.4	-51.3	260.7	15.4	15.2	2.5	318.5	319.2	6.1	3.9	8.7	118.
17.2	74.4	6920.8	425.0	-22.1	-64.0	265.0	17.0	16.9	1.5	320.7	320.7	6.0	1.0	9.5	115.
18.3	78.1	7363.3	400.0	-26.0	-66.5	268.5	18.0	18.7	0.8	321.2	321.3	6.0	1.0	10.6	112.
19.5	82.0	7826.7	375.0	-30.2	-69.3	271.1	18.8	18.7	-0.4	321.6	321.7	6.0	1.0	11.0	110.
20.6	85.9	8313.1	350.0	-34.6	-72.2	273.1	19.0	19.4	-1.1	322.1	322.2	6.0	1.0	13.0	108.
21.8	90.0	8825.9	325.0	-39.3	-75.3	276.2	20.9	20.0	-2.2	322.6	322.6	6.0	1.0	14.3	107.
23.2	96.6	9367.0	300.0	-44.6	99.9	280.4	19.6	19.2	-3.0	322.6	322.6	6.0	99.9	15.0	106.
24.5	99.0	9944.0	275.0	-49.4	99.9	282.7	21.2	20.7	-4.7	323.1	323.1	6.0	99.9	17.5	106.
26.0	104.0	10543.0	250.0	-53.2	99.9	275.9	23.5	23.4	-2.4	329.6	329.6	6.0	99.9	19.2	103.
27.7	109.3	11232.0	225.0	-58.4	99.9	284.2	26.1	25.3	-6.4	329.1	329.1	6.0	99.9	21.5	104.
29.5	115.0	11970.2	200.0	-55.5	99.9	290.9	18.4	17.1	-6.4	328.5	328.5	6.0	99.9	23.8	105.
31.5	121.3	12791.5	175.0	-62.2	99.9	268.3	17.0	17.8	0.5	328.7	328.7	6.0	99.9	25.4	105.
33.9	121.3	13738.7	150.0	-60.1	99.9	278.3	22.3	22.3	-3.3	328.8	328.8	6.0	99.9	28.1	103.
36.9	136.3	14808.0	125.0	-52.3	99.9	291.0	14.3	12.2	-7.8	329.5	329.5	6.0	99.9	30.0	104.
40.4	145.0	16296.0	100.0	-55.9	99.9	290.0	7.7	7.0	-3.2	419.8	419.8	6.0	99.9	32.4	105.
45.4	154.5	18120.0	75.0	-55.7	99.9	301.2	7.4	6.3	-3.0	450.3	450.3	6.0	99.9	34.1	105.
54.6	166.0	20078.0	50.0	-57.5	99.9	356.6	9.4	8.5	-5.4	500.0	500.0	6.0	99.9	36.1	104.
			25.0	-62.7	99.9	173.4	2.5	-0.3	2.5	650.3	650.3	6.0	99.9	36.3	107.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 491
DODGE CITY, KANSAS

28 APRIL 1979
1705 GDT

TIME M/I	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	WIND DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DEG K	E POT. T DEG K	WIND GUSTS	RAIN PCP	RANGE KM	AZ DEG
0.0	14.0	791.0	920.5	11.0	4.5	10.0	16.5	-2.9	-16.2	291.2	307.2	3.0	61.0	145	30.0
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	95.0	99.9	950.0	55.8	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	16.0	978.9	900.0	9.0	3.4	9.7	21.0	-3.7	-21.5	290.2	305.3	5.4	60.1	0.7	192
1.0	13.4	1211.5	875.0	6.6	3.7	8.1	21.9	-3.1	-20.7	290.0	305.9	5.7	62.1	1.4	191
1.0	20.9	1445.0	654.0	5.2	3.6	8.3	20.2	-3.0	-20.6	291.6	307.3	7.0	69.0	2.5	189
2.0	23.4	1653.0	825.0	5.1	4.6	8.9	20.7	-3.2	-20.5	293.5	311.3	6.5	96.7	3.3	189
3.9	29.5	2206.5	775.0	6.3	6.2	350.2	12.4	0.4	-12.4	300.8	321.7	7.7	100.1	4.2	189
4.7	31.1	2474.5	750.0	6.3	-3.5	326.3	12.0	6.7	-10.0	305.2	317.1	4.0	43.0	5.2	187
5.5	33.0	2750.4	725.0	7.0	-13.0	312.0	13.4	10.1	-9.1	306.0	313.0	1.0	19.9	5.6	181
6.3	36.4	3044.7	700.0	6.1	-16.6	302.7	11.0	9.9	-6.4	309.2	313.0	1.5	17.7	6.0	177
7.0	39.2	3341.7	675.0	4.7	-19.4	283.0	10.0	10.3	-2.4	310.5	314.7	1.2	15.0	6.2	173
7.7	41.9	3647.9	650.0	3.0	-22.4	271.9	10.0	10.8	-0.4	312.4	315.5	1.0	13.3	6.4	169
8.5	44.0	3963.0	625.0	0.1	-24.1	270.6	12.0	11.9	-0.1	312.6	315.4	0.9	14.1	6.6	165
9.3	47.6	4289.1	600.0	-2.9	-23.0	271.6	13.4	13.9	-0.4	312.2	316.0	1.0	19.4	6.7	160
10.2	50.6	4624.7	575.0	-5.0	-25.1	264.4	15.5	17.4	1.5	314.2	317.0	0.9	18.0	7.0	153
11.1	53.6	4972.5	550.0	-7.5	-27.0	260.5	16.1	15.8	2.6	315.2	317.5	0.7	17.7	7.3	147
11.9	56.6	5332.4	525.0	-10.6	-29.1	257.0	16.5	16.0	3.7	315.7	317.9	0.3	20.0	7.6	141
12.9	59.9	5706.2	500.0	-12.9	-33.2	254.5	17.9	17.2	4.0	317.3	318.9	0.5	16.3	8.1	135
13.9	63.0	6054.7	475.0	-16.4	-35.4	250.2	19.1	18.5	4.5	317.7	319.0	0.4	15.7	8.6	129
14.6	66.4	6459.5	450.0	-18.9	-42.6	259.6	20.5	20.1	3.7	319.4	320.1	0.2	10.2	9.4	123
15.9	69.9	6922.2	425.0	-22.5	-47.3	259.2	21.9	21.4	4.9	320.2	320.6	0.1	8.3	10.5	116
17.0	73.3	7364.0	400.0	-26.1	-50.8	253.0	21.9	21.0	6.1	321.1	321.5	0.1	7.6	11.6	113
18.2	75.9	7827.4	375.0	-30.0	-54.5	253.2	21.9	20.9	6.3	321.2	322.1	0.1	7.1	12.8	109
19.3	80.7	8314.2	350.0	-34.5	-53.9	259.0	22.0	21.2	5.7	322.2	322.9	0.1	11.0	14.0	105
20.5	84.7	8826.5	325.0	-38.7	-59.9	256.7	23.6	23.1	4.6	323.4	323.9	99.9	99.9	15.5	102
21.7	89.7	9368.9	300.0	-44.0	-64.0	263.9	24.1	26.0	2.8	323.4	324.3	99.9	99.9	17.2	100
23.0	93.0	9946.1	275.0	-49.0	-69.9	272.4	29.5	29.5	-1.2	324.3	324.9	99.9	99.9	19.3	99
24.4	97.5	10564.2	250.0	-54.6	-74.0	280.7	32.4	32.4	-6.1	324.9	325.9	99.9	99.9	21.0	99
25.0	102.4	11220.1	225.0	-60.0	-79.9	288.1	35.5	33.7	-11.0	325.4	326.9	99.9	99.9	24.9	99
27.6	107.6	11962.9	200.0	-65.9	-84.9	283.6	26.0	25.3	-6.1	327.5	328.9	99.9	99.9	28.1	100
29.3	113.3	12704.3	175.0	-69.9	-89.9	277.9	23.7	23.5	-3.3	329.4	330.4	99.9	99.9	30.6	100
31.7	119.5	13750.2	150.0	-61.2	-94.9	273.1	22.9	22.6	-3.6	326.7	327.9	99.9	99.9	33.3	100
33.4	126.0	14894.6	125.0	-56.2	-99.9	268.6	15.0	13.2	-7.2	323.3	324.9	99.9	99.9	36.1	101
36.2	134.0	16300.2	100.0	-50.0	-99.9	266.9	9.0	8.4	-1.0	415	99.9	99.9	99.9	37.6	101
39.5	142.7	18114.2	75.0	-57.5	-99.9	306.3	6.2	5.0	-3.7	452.3	99.9	99.9	99.9	39.1	102
44.2	153.0	20490.4	50.0	-53.2	-99.9	346.5	1.0	0.5	-1.9	513.4	99.9	99.9	99.9	40.1	103
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEAN ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEAN TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEAN ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

25 APRIL 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	14.7	791.0	921.4	15.0	6.0	10.0	11.3	-2.0	-11.1	295.0	312.3	6.4	55.0	0.0	0.
93.9	99.9	1000.0	921.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
93.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
93.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
93.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	16.7	968.6	900.0	11.5	4.1	356.7	10.7	0.6	-10.6	293.3	308.6	5.7	60.6	0.6	202.
0.9	19.2	1223.2	875.0	6.9	3.9	9.3	12.8	-2.1	-12.6	293.8	308.6	5.8	70.8	0.8	198.
1.4	21.7	1462.5	850.0	6.6	-0.1	18.5	15.8	-5.1	-15.6	293.1	309.5	4.5	62.5	1.3	198.
2.3	24.2	1767.5	825.0	6.2	-0.4	12.6	18.2	-0.9	-17.7	295.2	307.7	4.5	62.7	2.1	196.
3.0	26.8	1955.0	800.0	5.7	1.7	3.5	14.9	-0.9	-14.9	295.2	312.2	5.4	75.3	3.0	194.
3.7	29.4	2220.4	775.0	6.4	2.4	322.2	18.8	3.3	-10.3	300.1	317.1	5.4	75.2	3.4	192.
4.4	32.0	2489.3	750.0	5.4	-2.5	327.8	12.1	6.4	-10.2	302.4	314.6	4.3	56.7	3.8	187.
5.1	34.7	2763.5	725.0	3.1	-4.3	323.3	14.3	8.5	-10.5	302.8	313.9	3.9	58.5	4.2	182.
5.9	37.4	3045.4	700.0	1.8	-4.8	313.4	15.6	11.3	-10.7	304.5	315.5	3.8	61.7	4.8	176.
6.8	40.2	3342.0	675.0	0.4	-4.9	298.2	16.1	14.2	-7.6	306.1	317.7	4.0	67.7	5.3	169.
7.7	43.0	3642.3	650.0	1.2	-10.7	280.6	17.3	17.0	-3.2	310.4	318.3	2.6	40.6	5.9	161.
8.7	45.9	3959.9	625.0	-0.6	-12.6	261.7	18.8	16.6	2.4	311.7	318.9	2.3	39.7	6.2	153.
9.6	48.9	4284.3	600.0	-3.5	-14.2	259.4	16.7	16.4	3.1	312.6	318.6	2.1	43.3	6.6	145.
10.4	51.9	4619.0	575.0	-6.5	-15.7	259.2	16.4	16.1	3.1	312.4	318.5	2.0	47.9	6.9	139.
11.3	54.9	4964.4	550.0	-9.8	-17.3	256.1	16.4	16.0	4.0	312.5	318.1	1.8	54.0	7.4	133.
12.2	58.0	5322.2	525.0	-11.6	-21.1	252.1	17.6	16.8	5.4	314.5	318.8	1.3	44.8	7.9	127.
13.2	61.3	5694.4	500.0	-14.5	-24.8	245.8	19.6	17.8	8.0	315.3	318.7	1.0	41.0	8.3	115.
14.2	64.6	6081.7	475.0	-16.4	-29.5	243.6	22.5	20.1	10.0	317.6	320.0	0.7	31.3	9.3	115.
15.2	67.9	6484.3	450.0	-19.1	-34.6	244.1	23.2	20.8	10.1	319.3	320.8	0.4	23.8	10.2	109.
16.2	71.3	6908.7	425.0	-22.9	-36.1	250.7	23.7	22.4	7.8	319.6	321.3	0.5	35.1	11.2	108.
17.3	74.9	7349.3	400.0	-26.0	-32.0	257.5	25.0	24.4	5.4	320.8	322.2	0.6	61.7	12.7	108.
18.4	78.7	7811.9	375.0	-30.6	-34.2	261.3	27.1	26.8	4.1	321.1	323.0	0.6	70.4	14.3	98.
19.6	82.5	8292.4	350.0	-34.3	-37.4	262.3	28.7	28.4	3.8	322.2	324.0	0.4	73.1	16.3	98.
20.8	86.5	8812.4	325.0	-38.5	-41.7	263.5	32.0	31.8	3.6	323.6	324.7	0.3	71.6	18.5	92.
22.0	90.7	9357.0	300.0	-43.1	99.9	264.9	31.8	31.6	2.8	324.6	999.9	99.9	99.9	20.7	93.
23.3	95.2	9936.5	275.0	-48.0	99.9	269.8	32.4	32.4	0.1	325.7	999.9	99.9	99.9	23.2	93.
24.6	99.9	10557.0	250.0	-53.8	99.9	276.2	31.4	31.2	-3.4	326.2	999.9	99.9	99.9	25.7	93.
25.1	104.8	11224.0	225.0	-60.1	96.9	281.6	34.7	34.0	-7.0	328.4	999.9	99.9	99.9	28.6	93.
27.8	110.0	11950.5	200.0	-68.9	99.9	281.6	33.7	32.6	-8.7	336.3	999.9	99.9	99.9	32.0	94.
29.6	115.8	12785.7	175.0	-68.0	99.9	284.0	31.8	30.8	-7.7	350.6	999.9	99.9	99.9	35.7	95.
31.8	122.3	13750.9	150.0	-59.5	99.9	275.4	23.7	23.7	-2.1	367.7	999.9	99.9	99.9	39.0	95.
34.2	129.0	14891.2	125.0	-58.7	99.9	280.3	18.3	16.6	-3.3	388.6	999.9	99.9	99.9	42.3	96.
37.2	137.0	16288.6	100.0	-61.1	99.9	283.1	12.2	11.9	-2.8	409.7	999.9	99.9	99.9	44.8	96.
40.8	145.7	18102.6	75.0	-58.0	99.9	283.1	9.9	9.9	-2.8	451.3	999.9	99.9	99.9	49.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
28 APRIL 1979
2315 GMT

TIME MIN	CATCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO G/MX	RM PCT	RANGE KM	AZ DEG
0.0	14.3	791.0	922.0	74.4	6.0	10.0	6.8	-1.5	-8.7	294.3	311.5	6.4	57.0	0.0	0.
9.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	16.4	993.8	900.0	11.1	3.4	16.0	11.4	-3.2	-11.1	293.0	307.7	5.5	59.0	0.4	104.
1.4	13.9	1228.2	875.0	9.0	3.5	10.8	12.2	-2.3	-12.0	293.1	308.7	5.6	68.5	1.0	194.
2.1	21.5	1467.6	850.0	6.5	2.8	9.2	12.7	-2.0	-12.6	292.5	307.8	5.5	77.2	1.6	193.
3.0	24.0	1711.8	825.0	4.5	0.3	9.9	13.9	-2.4	-13.7	293.3	306.3	4.7	73.9	2.2	191.
3.7	24.4	1962.6	800.0	4.0	-3.3	6.4	13.2	-1.5	-13.1	295.4	305.9	3.8	59.2	2.8	191.
4.6	29.0	2228.6	775.0	3.4	-5.0	34.4	13.3	2.5	-13.1	297.7	307.4	3.4	53.3	3.5	189.
5.4	31.7	2487.6	750.0	4.1	-12.0	34.4	16.4	5.5	-15.4	301.8	307.1	2.7	29.8	4.1	184.
6.2	36.3	2762.0	725.0	1.7	-9.0	334.9	16.3	6.9	-14.7	301.3	309.1	2.0	46.9	4.9	180.
7.1	37.0	3044.5	700.0	1.2	-7.3	312.7	15.2	11.2	-10.3	303.6	313.0	3.2	53.2	5.6	176.
8.1	39.9	3336.8	675.0	0.5	-7.8	290.9	16.5	15.4	-5.9	306.2	315.5	3.2	53.6	6.1	169.
9.0	42.6	3635.1	650.0	-1.3	-11.0	282.2	18.9	16.4	-4.0	307.5	315.1	2.5	47.5	6.7	161.
10.0	45.5	3950.9	625.0	-3.0	-13.7	276.0	20.4	20.3	-2.1	309.0	316.5	2.1	43.6	7.3	153.
11.0	48.4	4272.8	600.0	-5.5	-13.8	272.9	22.6	22.6	-1.1	309.6	316.5	2.2	51.6	8.0	145.
12.0	51.4	4605.4	575.0	-7.8	-15.4	272.8	25.2	25.1	-1.3	310.8	317.0	2.0	54.3	9.0	137.
13.3	54.4	4950.0	550.0	-5.6	-18.2	270.6	24.7	24.7	-0.2	312.7	317.9	1.7	49.2	10.5	130.
14.5	57.5	5302.4	525.0	-11.5	-21.3	261.6	21.3	21.0	3.1	314.7	318.9	1.3	43.7	11.7	124.
15.7	60.7	5698.3	500.0	-14.9	-22.0	264.1	22.4	22.3	2.3	314.9	319.1	1.3	54.7	12.9	120.
16.8	64.0	6066.3	475.0	-18.3	-22.5	263.3	22.7	22.5	2.6	315.2	319.5	1.3	69.4	14.1	116.
18.0	67.3	6467.7	450.0	-21.4	-23.1	263.3	24.1	23.9	3.2	316.4	320.6	1.3	86.0	15.5	113.
19.3	70.7	6897.0	425.0	-23.8	-25.6	263.5	27.0	26.9	3.1	318.2	322.2	1.1	84.9	17.2	110.
20.5	73.3	7327.4	400.0	-27.0	-28.4	264.1	29.4	29.2	3.0	319.4	323.0	0.9	88.3	19.2	107.
21.8	77.9	7788.8	375.0	-30.3	-32.3	264.4	30.4	30.3	1.9	321.4	323.8	0.7	82.6	21.2	105.
23.1	81.7	8276.8	350.0	-34.2	-36.5	268.5	30.8	30.6	0.8	322.7	324.3	0.5	79.6	23.6	103.
24.5	85.7	8798.3	325.0	-38.8	-43.6	274.2	33.7	33.6	-2.5	323.3	324.1	0.2	60.2	26.2	102.
26.1	89.8	9333.9	300.0	-43.8	-50.9	276.4	37.2	37.0	-4.2	323.7	329.9	99.9	99.9	29.7	101.
27.9	94.2	9911.9	275.0	-48.0	-59.9	279.1	38.7	38.2	-6.1	324.3	329.9	99.9	99.9	33.7	101.
29.6	98.6	10530.3	250.0	-54.4	-69.9	279.6	38.4	37.9	-6.4	325.3	329.9	99.9	99.9	37.7	100.
31.3	103.4	11196.3	225.0	-59.3	-77.2	277.2	37.3	37.0	-4.7	327.7	329.9	99.9	99.9	41.6	100.
33.2	108.6	11934.3	200.0	-58.4	-99.9	278.9	43.4	42.9	-6.7	340.3	329.9	99.9	99.9	46.1	100.
35.7	114.3	12765.2	175.0	-60.7	-99.9	288.4	35.9	34.0	-11.3	349.8	329.9	99.9	99.9	52.5	101.
39.3	129.3	13729.0	150.0	-59.7	-99.9	282.4	23.7	23.2	-5.1	367.3	329.9	99.9	99.9	56.6	101.
41.3	127.0	14878.9	125.0	-56.5	-99.9	284.3	18.5	18.0	-4.6	369.6	329.9	99.9	99.9	60.8	101.
45.2	135.0	16281.3	100.0	-57.3	-99.9	289.3	12.4	11.7	-4.1	417.0	329.9	99.9	99.9	63.6	101.
49.6	143.7	18098.8	75.0	-57.3	-99.9	282.4	4.2	6.0	-1.3	452.9	329.9	99.9	99.9	65.9	102.
55.6	154.0	20651.9	50.0	-56.2	-99.9	280.6	5.1	5.0	-1.0	511.2	329.9	99.9	99.9	67.4	102.
65.3	163.5	25113.9	25.0	-50.4	-99.9	296.9	7.7	6.8	-3.5	640.1	329.9	99.9	99.9	69.8	103.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME MAYE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS26 APRIL 1979
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	1.02	761.0	923.5	10.6	4.9	30.0	3.6	-1.0	-3.1	290.3	306.0	5.9	68.0	0.0	0.
93.5	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	925.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.8	16.4	1005.0	900.0	5.0	3.9	26.7	8.2	-3.7	-7.3	291.6	306.0	5.7	64.7	0.3	212.
1.6	19.9	1239.4	875.0	8.1	3.0	21.4	9.9	-3.6	-9.2	292.3	306.0	5.4	78.0	0.8	213.
2.5	21.3	1472.5	850.0	7.1	0.4	347.6	13.0	3.0	-13.5	293.6	306.0	4.8	83.8	1.4	197.
3.3	23.8	1723.0	825.0	6.2	-2.1	345.6	12.9	3.2	-12.5	298.2	306.0	4.0	55.3	1.9	189.
4.3	26.3	1976.0	800.0	5.0	-10.1	343.7	15.4	4.3	-14.7	297.3	303.0	2.2	30.7	2.7	180.
5.1	28.8	2235.1	775.0	4.2	-11.1	345.9	15.3	3.7	-14.8	298.3	304.5	2.1	31.0	3.5	177.
6.1	31.4	2500.7	750.0	1.9	-11.2	343.2	15.9	4.6	-15.3	298.7	305.0	2.2	37.0	4.3	175.
7.0	34.1	2773.4	725.0	0.3	-14.6	332.5	17.0	7.8	-15.0	299.2	304.0	1.7	31.5	5.2	172.
8.0	36.7	3053.8	700.0	-1.4	-18.7	325.3	18.1	10.3	-14.9	301.0	304.0	1.2	25.1	6.2	168.
9.0	39.4	3342.3	675.0	-2.9	-13.7	321.6	17.6	10.9	-13.8	301.3	307.2	2.0	46.7	7.2	164.
10.0	42.2	3635.1	650.0	-6.2	-9.4	309.2	18.2	14.1	-11.5	302.6	310.4	2.9	78.0	8.1	161.
11.0	45.0	3946.0	625.0	-6.0	-11.9	293.4	23.0	21.1	-9.1	305.7	313.0	2.5	62.7	9.1	156.
12.4	49.0	4265.4	600.0	-6.5	-12.9	282.3	25.6	25.2	-6.6	308.6	315.7	2.4	60.2	10.5	147.
13.4	50.9	4566.8	575.0	-9.2	-10.7	272.5	24.1	24.1	-1.1	309.2	318.1	3.0	89.4	11.6	141.
14.5	53.9	4938.9	550.0	-11.9	-11.9	266.4	25.2	25.1	1.6	310.0	318.5	2.8	100.1	12.6	135.
15.8	57.0	5294.3	525.0	-13.7	-15.0	262.9	27.2	27.0	3.3	311.5	318.9	2.3	90.2	14.0	129.
17.0	60.1	5664.3	500.0	-15.8	-18.4	264.2	28.5	28.4	2.9	313.6	319.4	1.8	80.0	15.4	123.
18.1	63.4	6048.9	475.0	-19.1	-21.5	261.9	27.2	27.0	3.8	314.4	319.0	1.4	81.4	17.8	119.
19.4	66.0	6445.5	450.0	-21.8	-24.0	261.7	28.1	27.8	4.1	315.6	319.8	1.2	82.5	18.6	116.
20.9	70.1	6817.4	425.0	-25.1	-28.6	260.9	29.1	28.7	4.6	316.5	319.7	0.8	71.8	20.7	112.
22.2	73.6	7355.7	400.0	-27.2	-31.0	261.9	30.0	30.5	4.3	318.2	320.7	0.7	76.9	22.9	109.
23.7	77.3	7765.3	375.0	-32.1	-33.8	265.0	31.2	31.1	2.7	319.2	321.2	0.6	83.9	25.4	106.
25.4	81.0	8248.8	350.0	-35.6	-37.5	272.0	35.8	35.8	-1.3	320.7	322.2	0.4	82.3	28.5	104.
27.1	84.9	8759.4	325.0	-40.4	99.9	276.3	37.4	37.2	-4.1	321.1	999.9	99.9	99.9	32.5	103.
28.9	89.2	9258.9	300.0	-45.5	55.9	280.2	40.4	39.8	-7.1	321.2	999.9	99.9	99.9	36.4	102.
30.8	93.5	9872.6	275.0	-50.6	99.9	281.4	44.6	43.7	-8.8	322.0	999.9	99.9	99.9	41.5	102.
32.9	98.0	10482.9	250.0	-54.6	99.9	284.0	48.2	46.8	-11.7	324.5	999.9	99.9	99.9	47.2	102.
35.0	103.0	11157.9	225.0	-55.9	99.9	279.5	46.5	45.9	-7.6	332.8	999.9	99.9	99.9	53.4	102.
37.3	108.2	11904.6	200.0	-58.7	99.9	283.9	42.4	47.0	-11.6	339.6	999.9	99.9	99.9	59.7	102.
39.6	114.0	12739.2	175.0	-61.0	99.9	288.9	33.3	31.5	-10.8	349.3	999.9	99.9	99.9	64.1	103.
42.4	120.3	13703.7	150.0	-52.7	99.9	282.8	26.5	25.9	-5.9	358.8	999.9	99.9	99.9	71.4	103.
45.4	127.3	14851.8	125.0	-52.5	99.9	273.0	17.0	16.9	-1.1	369.2	999.9	99.9	99.9	76.1	103.
50.8	15.0	16253.1	100.0	-52.8	99.9	284.2	9.6	9.6	-2.4	414.1	999.9	99.9	99.9	79.3	103.
55.4	14.7	18062.1	75.0	-52.2	99.9	99.9	99.9	99.9	99.9	488.5	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DOODGE CITY, KANSAS26 APRIL 1979
315 647

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WYO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.0	791.0	524.6	8.9	4.7	40.0	2.6	-1.7	-2.0	288.5	303.8	5.8	75.0	0.0	0.
9.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	5.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	1018.4	500.0	9.8	3.4	99.9	99.9	99.9	99.9	291.4	306.2	5.5	64.7	999.9	999.9
1.7	17.9	1249.1	875.0	9.0	1.3	99.9	99.9	99.9	99.9	293.1	306.2	4.8	58.7	999.9	999.9
2.5	20.3	1485.0	850.0	8.0	0.9	341.9	7.4	2.3	-7.1	294.2	307.8	4.8	60.5	0.7	165.
3.4	22.8	1734.8	825.0	6.4	-1.0	337.8	9.3	3.5	-8.6	295.3	307.3	4.3	59.3	1.1	177.
4.2	25.3	1988.6	800.0	4.6	-3.5	338.7	11.2	4.1	-10.5	296.1	306.5	3.7	55.5	1.6	171.
5.1	27.9	2244.7	775.0	3.1	-6.8	340.0	13.8	4.7	-13.0	297.1	305.6	3.0	48.3	2.2	165.
5.9	32.4	2509.8	750.0	1.7	-11.1	343.2	17.5	5.1	-16.8	298.4	304.9	2.2	38.4	3.0	165.
6.8	33.1	2782.2	725.0	0.3	-13.4	336.6	19.5	7.8	-17.9	299.2	305.4	1.9	34.9	4.0	165.
7.8	35.9	3062.8	700.0	-0.9	-17.1	323.7	18.9	11.2	-15.2	301.5	305.8	1.4	27.9	5.1	162.
8.8	39.5	3352.3	675.0	-2.7	-19.8	318.0	20.4	13.4	-15.4	302.6	306.2	1.2	25.5	6.2	158.
9.9	41.3	3558.1	650.0	-5.0	-17.9	318.9	22.3	14.7	-16.8	303.5	307.7	1.4	35.5	7.6	158.
11.0	44.1	3956.7	625.0	-7.8	-15.8	313.1	21.4	18.6	-14.7	304.7	308.9	1.8	52.4	9.1	152.
12.2	47.0	4272.9	600.0	-9.9	-11.9	299.9	21.5	18.6	-10.7	304.7	312.3	2.6	25.0	10.4	148.
13.4	49.9	4600.1	575.0	-12.2	-14.1	288.7	24.2	23.4	-7.9	305.7	312.4	2.2	86.1	11.7	144.
14.5	53.0	4939.9	550.0	-12.6	-12.7	277.7	28.3	28.1	-3.6	309.2	317.1	2.6	99.1	13.1	139.
15.6	56.1	5294.5	525.0	-14.3	-14.3	269.3	30.0	30.0	0.4	311.3	318.6	2.4	99.5	14.6	133.
16.8	59.3	5653.4	500.0	-16.5	-18.5	259.4	29.5	29.3	2.9	313.0	318.6	1.8	84.5	16.2	127.
18.1	62.5	6047.0	475.0	-19.8	-21.7	268.4	28.2	28.2	1.8	313.5	318.0	1.4	84.9	17.9	122.
19.5	65.9	6445.9	450.0	-23.1	-25.1	271.6	30.0	30.0	-0.8	314.3	317.8	1.1	82.8	20.0	119.
20.9	69.3	6862.2	425.0	-26.3	-27.7	275.4	31.4	31.2	-2.9	315.2	318.3	0.9	88.0	22.2	116.
22.4	72.7	7297.7	400.0	-29.8	-30.6	275.4	33.0	32.9	-3.1	316.3	318.8	0.7	92.0	24.9	114.
24.0	76.1	7754.8	375.0	-33.2	-34.7	272.6	34.7	34.6	-1.6	317.6	319.4	0.5	86.2	28.0	111.
25.6	82.2	8235.7	350.0	-37.4	-38.3	278.5	37.4	37.3	-2.9	318.4	319.8	0.4	90.8	31.2	109.
27.2	84.0	8742.9	325.0	-41.5	-39.7	279.6	40.1	39.5	-6.7	319.4	999.9	99.9	999.9	35.0	108.
29.1	89.2	9262.1	300.0	-44.7	-39.9	282.3	45.6	44.5	-9.7	322.3	999.9	99.9	999.9	39.7	107.
31.1	93.5	9858.8	275.0	-45.3	-39.9	283.5	50.6	49.2	-11.9	323.9	999.9	99.9	999.9	45.5	107.
32.9	97.0	10475.0	250.0	-55.2	-39.9	288.3	48.4	46.9	-12.0	324.0	999.9	99.9	999.9	51.1	106.
35.0	101.8	11146.2	225.0	-56.0	-39.9	281.0	47.7	46.8	-9.1	332.7	999.9	99.9	999.9	57.0	106.
37.3	107.0	11891.8	200.0	-58.5	-39.9	290.0	45.5	42.8	-15.6	340.2	999.9	99.9	999.9	63.8	106.
39.4	112.8	12731.0	175.0	-58.1	-39.9	282.7	32.1	31.4	-7.1	354.1	999.9	99.9	999.9	69.4	106.
43.4	119.0	13703.8	150.0	-57.6	-39.9	288.1	24.9	24.2	-6.1	370.8	999.9	99.9	999.9	74.5	106.
46.7	125.8	14854.6	125.0	-58.0	-39.9	282.9	16.2	15.8	-3.6	386.5	999.9	99.9	999.9	78.7	106.
51.4	133.7	16260.0	100.0	-58.2	-39.9	287.7	12.1	11.5	-3.7	415.3	999.9	99.9	999.9	82.3	105.
56.0	142.7	18055.0	75.0	-58.7	-39.9	999.9	99.9	99.9	99.9	449.8	999.9	99.9	999.9	999.9	999.9
64.8	153.3	20616.7	50.0	-57.4	-39.9	999.9	99.9	99.9	99.9	508.4	999.9	99.9	999.9	88.1	106.
77.3	164.5	25069.6	25.0	-51.9	-39.9	191.8	2.1	0.4	2.0	635.7	999.9	99.9	999.9	87.5	107.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

26 APRIL 1979
1115 GJT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	Q POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.2	791.0	924.1	6.1	3.9	245.0	3.1	2.8	1.3	265.6	300.0	5.5	86.0	0.0	0.0
9.9	93.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	15.6	1018.5	900.0	10.3	4.4	264.5	4.0	4.0	0.4	292.1	307.8	5.9	67.1	0.2	68.
1.5	13.1	1244.7	875.0	9.0	2.4	271.4	5.1	5.1	-0.1	293.1	307.3	5.2	63.5	0.4	78.
2.3	23.6	1484.3	850.0	7.3	1.6	280.9	5.0	4.9	-0.9	293.2	307.6	5.1	56.9	0.6	84.
3.2	23.2	1725.3	825.0	5.2	0.6	300.0	5.4	4.7	-2.7	294.1	307.4	4.9	72.3	0.9	91.
3.9	25.8	1980.2	800.0	4.0	-2.9	317.7	7.7	5.2	-5.7	295.4	306.2	3.9	60.9	1.1	101.
4.7	23.4	2237.5	775.0	1.9	-5.6	326.0	8.5	4.7	-7.0	295.8	305.0	3.3	57.7	1.4	112.
5.7	31.1	2501.2	750.0	0.2	-7.1	335.5	10.5	4.2	-9.6	296.2	305.3	3.0	58.2	1.9	122.
6.6	33.9	2772.6	725.0	-1.0	-8.7	337.7	14.6	5.5	-13.5	298.4	306.3	2.7	55.8	2.4	132.
7.6	35.6	3322.2	700.0	-2.4	-10.6	333.2	16.8	7.6	-15.6	299.5	307.0	2.4	53.1	3.4	138.
9.6	39.4	3739.6	675.0	-5.0	-12.7	333.0	17.5	8.1	-15.9	300.0	306.3	2.1	54.9	5.4	144.
9.6	42.2	3934.8	650.0	-7.6	-15.4	330.4	17.5	8.6	-15.2	300.4	305.7	1.8	53.2	5.4	144.
10.6	45.0	3935.3	625.0	-9.1	-20.7	322.7	15.4	5.3	-12.2	302.1	305.7	1.2	38.2	6.4	144.
11.8	47.9	4253.6	600.0	-11.9	-27.9	314.2	15.9	11.4	-11.1	302.4	304.5	0.6	28.9	7.4	143.
12.8	50.9	4578.1	575.0	-13.9	-31.7	305.4	17.6	14.4	-10.2	303.8	304.4	0.2	7.3	8.4	142.
13.9	53.9	4918.3	550.0	-16.1	-37.0	294.2	20.2	18.5	-8.3	305.0	306.0	0.3	14.7	9.6	139.
15.1	57.1	5263.2	525.0	-18.6	-36.6	287.5	24.1	23.0	-7.3	306.1	307.2	0.3	18.7	11.1	135.
16.2	60.3	5625.7	500.0	-20.7	-37.7	286.0	26.0	24.9	-7.1	307.5	308.2	0.1	6.8	12.5	131.
17.4	63.6	6003.1	475.0	-23.1	-42.3	280.7	29.0	28.5	-5.4	309.4	309.6	0.1	4.9	14.3	128.
18.9	67.0	6358.0	450.0	-24.9	-39.7	276.9	34.8	34.6	-4.2	312.0	312.9	0.3	23.7	16.6	123.
20.0	70.4	6816.9	425.0	-28.6	-33.4	276.0	36.8	36.6	-3.9	312.4	314.2	0.5	63.0	19.0	120.
21.4	74.0	7241.8	400.0	-31.2	-38.5	277.8	40.7	40.4	-5.5	314.4	314.8	0.1	16.3	22.0	116.
24.4	81.6	8179.5	350.0	-36.6	-45.8	283.7	45.8	44.5	-7.6	317.2	318.0	0.1	9.2	25.7	114.
26.2	85.7	8688.6	325.0	-40.4	-49.9	285.1	46.8	45.2	-10.9	319.4	319.6	0.0	10.1	30.0	112.
27.2	89.8	9230.1	300.0	-43.9	-59.9	286.9	53.1	50.8	-12.2	321.0	999.9	99.9	999.9	34.8	111.
30.2	94.2	9808.6	275.0	-47.7	-59.9	286.2	51.7	49.7	-15.5	323.2	999.9	99.9	999.9	40.7	110.
32.3	98.9	10433.8	250.0	-50.7	-59.9	284.2	48.0	46.5	-14.4	326.2	999.9	99.9	999.9	47.0	109.
34.4	103.8	11116.3	225.0	-52.9	-59.9	287.4	44.3	42.3	-11.8	33.7	999.9	99.9	999.9	53.3	109.
37.0	109.2	11806.6	200.0	-56.1	-59.9	288.9	37.2	35.1	-13.3	337.4	999.9	99.9	999.9	59.4	109.
39.8	115.0	12714.6	175.0	-58.8	-59.9	290.3	34.8	32.3	-12.0	343.5	999.9	99.9	999.9	65.1	109.
42.9	121.3	13693.9	150.0	-56.5	-59.9	293.8	23.1	21.2	-9.4	372.8	999.9	99.9	999.9	71.4	109.
46.8	128.3	14851.6	125.0	-55.9	-59.9	276.9	14.8	14.6	-2.3	393.2	999.9	99.9	999.9	76.7	109.
50.8	136.0	16262.5	100.0	-58.9	-59.9	276.8	15.8	15.3	-1.7	414.0	999.9	99.9	999.9	81.4	109.
56.3	144.7	18074.3	75.0	-56.8	-59.9	273.2	10.3	9.6	-3.9	453.9	999.9	99.9	999.9	85.1	108.
63.4	154.5	20648.8	50.0	-57.3	-59.9	273.2	4.9	4.9	-0.3	508.4	999.9	99.9	999.9	91.1	108.
73.0	164.0	25085.1	25.0	-49.8	-59.9	999.9	99.9	99.9	99.9	641.4	999.9	99.9	999.9	93.7	109.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 450
 TOPEKA, KANSAS

 25 APRIL 1979
 1105 GMT

TIME MIN	CMTCY	WEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.2	268.0	673.5	15.6	14.5	130.0	3.1	-2.4	2.8	291.4	318.7	10.7	93.0	0.0	0.
93.9	93.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.4	477.2	550.0	18.1	14.1	187.8	16.3	2.2	16.1	295.5	323.8	10.7	77.8	0.5	352.
1.4	13.7	707.1	925.0	20.2	12.1	191.3	17.8	3.3	16.7	300.0	326.0	9.7	59.7	1.2	3.
2.2	16.1	942.5	900.0	19.2	11.6	190.7	14.4	2.7	14.1	301.3	327.3	9.6	61.4	2.0	7.
3.1	18.5	1185.3	875.0	17.2	10.9	187.5	12.9	1.7	12.8	301.7	327.3	9.4	66.5	2.7	7.
4.0	21.0	1432.2	850.0	15.0	10.4	185.7	10.6	1.1	10.6	301.8	327.7	9.5	74.9	3.3	7.
4.9	23.4	1684.8	825.0	12.9	10.1	193.3	12.8	2.9	12.4	302.2	328.1	9.5	82.9	3.9	7.
5.7	25.9	1943.0	800.0	11.0	7.9	204.7	13.2	4.5	12.0	302.5	326.1	8.4	81.1	4.5	9.
6.5	28.5	2207.9	775.0	10.0	3.4	218.8	14.3	9.0	11.2	304.5	322.6	6.4	64.2	5.2	12.
7.5	31.1	2480.7	750.0	5.2	3.0	228.8	14.8	11.1	9.7	306.6	324.7	6.4	65.4	5.9	16.
8.5	33.8	2761.1	725.0	6.8	5.4	235.8	14.4	11.9	8.1	307.0	328.8	7.8	90.5	6.6	21.
9.6	36.4	3049.4	700.0	5.6	2.9	238.7	14.6	12.5	7.6	308.7	328.0	6.8	82.4	7.4	25.
10.6	39.1	3346.5	675.0	2.6	2.2	232.9	16.5	13.2	10.0	309.7	328.8	6.7	90.4	8.2	29.
11.8	41.9	3652.1	650.0	0.7	-0.3	230.4	18.3	12.5	10.4	309.8	326.5	5.8	92.9	9.3	31.
12.9	44.7	3966.6	625.0	-1.3	-5.4	233.1	15.3	12.2	9.2	311.0	323.3	4.2	74.3	10.3	33.
14.0	47.6	4291.1	600.0	-3.6	-11.4	238.6	14.6	12.5	7.6	312.0	320.1	2.7	54.9	11.3	35.
15.3	50.6	4625.8	575.0	-6.8	-14.0	239.1	15.8	13.5	8.1	311.9	318.9	2.3	56.9	12.3	38.
16.5	53.6	4971.2	550.0	-9.2	-16.4	235.8	17.4	14.4	9.8	313.2	316.4	1.0	28.9	13.5	39.
17.8	56.9	5330.1	525.0	-11.3	-35.4	237.6	15.2	12.9	8.2	314.6	316.1	0.4	11.6	14.7	41.
19.0	59.9	5702.2	500.0	-14.4	-34.5	241.4	15.8	13.8	7.5	315.2	316.9	0.4	16.2	15.7	42.
20.3	63.1	6068.9	475.0	-17.2	-37.5	246.9	15.2	14.0	6.0	316.7	317.8	0.3	15.2	16.8	43.
21.6	65.6	6491.9	450.0	-20.2	-53.1	259.0	15.4	15.1	2.9	317.5	318.1	0.1	3.4	17.9	45.
23.1	70.0	6912.7	425.0	-22.8	-64.7	263.7	16.6	16.5	1.8	319.7	319.8	0.0	1.0	19.0	48.
24.7	73.6	7354.6	400.0	-26.2	-66.7	250.9	17.8	16.8	5.4	320.5	321.0	0.0	1.0	20.5	50.
26.3	77.2	7817.5	375.0	-30.0	-67.3	251.0	15.4	14.5	5.0	321.9	321.9	0.0	1.6	22.0	52.
27.9	81.0	8304.8	350.0	-33.7	-47.9	256.4	16.7	16.2	3.9	323.2	323.8	0.1	22.2	23.2	53.
29.2	85.0	8820.3	325.0	-37.9	-45.0	257.3	17.9	17.4	3.9	324.5	325.3	0.2	46.6	24.6	54.
30.7	89.2	9366.2	300.0	-42.7	99.9	254.5	13.8	13.3	3.7	325.2	999.9	99.9	999.9	26.0	56.
32.4	93.6	9946.8	275.0	-46.2	99.9	244.5	11.3	10.2	4.9	325.4	999.9	99.9	999.9	27.2	58.
34.2	98.2	10567.8	250.0	-53.3	99.9	218.0	10.1	6.2	7.9	326.5	999.9	99.9	999.9	28.4	56.
36.3	103.2	11237.1	225.0	-59.2	99.9	216.3	8.3	4.9	6.7	327.6	999.9	99.9	999.9	29.3	55.
38.6	108.5	11964.3	200.0	-65.6	99.9	248.9	8.2	7.6	2.9	328.8	999.9	99.9	999.9	30.2	55.
40.5	114.3	12765.0	175.0	-65.8	99.9	252.8	14.6	14.0	4.3	334.8	999.9	99.9	999.9	31.5	56.
43.5	120.7	13710.7	150.0	-61.6	99.9	262.2	19.5	19.3	2.7	364.0	999.9	99.9	999.9	34.7	58.
47.0	127.7	14854.7	125.0	-59.2	99.9	272.2	11.4	11.4	-0.4	387.8	999.9	99.9	999.9	37.8	60.
51.8	136.0	16248.8	100.0	-58.9	99.9	288.1	7.6	7.3	-2.0	414.0	999.9	99.9	999.9	39.5	63.
57.6	145.0	16071.1	75.0	-55.2	99.9	368.2	4.7	4.7	0.1	455.8	999.9	99.9	999.9	41.2	64.
65.0	155.5	20844.4	50.0	-56.0	99.9	315.1	5.3	3.7	-3.8	511.4	999.9	99.9	999.9	42.7	64.
76.8	166.5	25086.4	25.0	-51.0	99.9	178.6	5.5	-0.1	5.8	638.1	999.9	99.9	999.9	43.4	70.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

25 APRIL 1979
1405 GMT

IME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.2	282.0	573.0	18.3	15.6	180.0	5.1	0.0	5.1	293.8	323.7	11.8	54.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	12.4	474.0	550.8	19.0	12.6	183.3	14.7	0.8	14.7	296.5	322.2	9.7	66.2	0.4	4.
1.6	14.9	703.2	525.0	17.9	11.1	190.7	14.6	2.7	14.4	297.7	321.9	9.0	64.3	1.2	5.
2.3	17.4	937.5	900.0	16.6	10.3	205.7	15.9	6.9	14.3	298.6	322.3	8.8	66.4	1.0	9.
3.0	19.9	1177.3	875.0	15.8	10.6	225.1	15.5	11.0	10.9	300.2	325.3	9.3	71.5	2.4	16.
3.8	22.4	1423.1	850.0	13.6	9.4	248.2	12.6	11.7	4.7	300.4	324.2	9.8	76.0	3.0	25.
4.6	24.9	1674.5	825.0	12.1	9.3	264.1	9.9	9.8	1.0	301.4	325.9	9.8	82.8	3.3	32.
5.5	27.5	1932.1	800.0	10.4	7.2	250.3	7.0	6.6	2.3	302.2	326.8	8.9	89.5	3.6	38.
6.4	30.1	2196.3	775.0	8.6	7.2	250.3	6.4	2.4	9.9	304.2	326.4	8.3	90.8	3.9	39.
7.5	32.8	2467.7	750.0	7.3	6.0	194.9	8.3	2.1	8.0	307.2	323.5	7.8	91.6	4.4	36.
8.5	35.3	2747.1	725.0	5.4	0.6	207.5	16.7	4.3	9.8	308.5	322.4	5.6	92.1	4.9	34.
9.5	37.9	3035.5	700.0	5.4	-1.8	207.5	16.7	6.7	12.9	308.5	322.4	4.8	93.3	5.7	33.
10.7	41.1	3332.2	675.0	3.7	-4.0	210.0	17.3	8.7	15.0	309.8	321.7	3.7	94.8	6.8	32.
12.5	45.8	3922.3	650.0	1.5	-6.1	213.4	19.5	10.7	16.2	310.6	320.4	3.0	97.0	7.9	32.
13.5	49.9	4270.6	625.0	-1.0	-9.4	217.3	19.5	11.8	15.5	311.3	320.4	2.0	98.7	9.2	33.
15.3	52.9	4611.0	600.0	-3.8	-15.1	221.8	17.3	11.5	12.9	311.3	317.9	1.9	98.7	10.5	33.
16.6	56.0	4958.3	550.0	-6.8	-15.8	227.0	16.3	11.9	11.1	312.0	318.0	1.9	98.7	11.7	35.
17.9	59.1	5314.7	525.0	-9.5	-16.5	238.9	16.2	13.9	8.4	312.5	318.6	1.9	98.7	13.0	36.
19.2	62.4	5687.3	500.0	-11.2	-37.1	251.1	16.7	15.8	5.4	315.0	318.0	0.3	97.7	14.1	39.
20.5	65.9	6074.6	475.0	-13.7	-58.6	252.8	17.0	16.3	5.0	316.3	318.4	0.0	97.7	15.2	42.
21.9	69.1	6477.9	450.0	-16.9	-60.7	252.8	18.0	17.2	5.3	317.0	317.1	0.0	97.7	16.4	44.
23.3	72.7	6898.9	425.0	-20.0	-60.9	259.5	17.4	17.1	3.2	318.0	318.2	0.0	97.7	17.7	47.
24.7	76.3	7340.6	400.0	-23.1	-35.8	253.7	18.5	17.8	5.2	318.2	320.9	0.4	97.7	18.9	49.
26.4	80.1	7803.8	375.0	-25.8	-49.8	242.8	20.0	17.8	9.1	321.4	321.8	0.1	97.7	20.5	51.
28.0	84.0	8298.6	350.0	-30.4	-52.8	244.3	19.4	17.4	8.4	321.4	321.7	0.1	97.7	22.4	51.
30.0	89.1	8808.3	325.0	-34.3	-46.8	251.6	18.1	17.2	5.7	322.2	323.1	0.2	97.7	24.3	53.
32.0	92.3	9348.2	300.0	-38.9	-52.4	249.3	19.3	18.0	6.8	323.1	323.4	0.1	97.7	26.3	54.
32.9	96.8	9927.9	275.0	-42.3	-52.4	244.4	20.1	18.1	8.7	324.4	324.4	99.9	999.9	28.7	57.
36.0	101.4	10548.3	250.0	-48.1	-59.9	238.5	18.2	15.5	9.5	325.4	325.4	99.9	999.9	30.8	56.
38.6	106.4	11217.8	225.0	-53.4	-59.9	228.2	12.0	8.9	8.0	326.7	326.7	99.9	999.9	32.9	56.
40.9	111.8	11945.5	200.0	-58.8	-59.9	184.8	9.8	0.8	9.8	328.2	328.2	99.9	999.9	34.0	55.
43.5	117.6	12761.6	175.0	-64.8	-59.9	188.5	11.2	1.6	11.0	330.1	330.1	99.9	999.9	35.1	53.
46.8	124.0	13718.0	150.0	-64.7	-59.9	229.5	11.9	9.1	7.0	332.2	332.2	99.9	999.9	36.5	51.
50.7	130.8	14849.3	125.0	-58.4	-59.9	253.8	12.0	11.4	3.4	334.8	334.8	99.9	999.9	38.7	53.
55.8	139.5	16247.5	100.0	-60.8	-59.9	257.6	12.4	12.3	2.7	336.9	336.9	99.9	999.9	41.6	54.
62.1	147.3	18074.3	75.0	-56.3	-59.9	276.7	16.5	10.4	-3.2	419.0	419.0	99.9	999.9	44.4	57.
70.7	157.0	20649.4	50.0	-57.1	-59.9	298.1	6.5	5.7	-3.1	453.2	453.2	99.9	999.9	46.7	60.
99.9	99.9	99.9	25.0	-52.6	-59.9	41.4	2.1	-1.4	-1.6	510.2	510.2	99.9	999.9	48.8	62.
99.9	99.9	99.9	25.0	56.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPEKA, KANSAS

 25 APRIL 1979
 1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	CEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.5	268.0	573.9	16.9	15.0	360.0	5.1	0.0	-5.1	294.3	323.3	11.1	78.0	0.8	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
1.0	11.5	480.2	950.0	15.3	12.9	12.1	13.8	-2.7	-12.7	292.7	318.5	9.9	85.6	0.8	199.
1.9	13.7	704.2	925.0	12.5	12.4	15.1	8.9	-2.3	-8.6	293.1	318.9	9.9	93.4	1.4	191.
2.8	15.9	937.6	900.0	13.2	12.2	-11.4	3.0	0.6	-2.9	293.2	321.5	10.0	93.5	1.7	193.
3.7	13.1	1175.2	875.0	12.9	11.9	164.8	2.5	-0.7	2.4	293.2	323.0	10.1	93.5	1.8	198.
4.6	20.4	1419.0	850.0	11.5	10.4	229.1	3.5	-2.6	2.3	298.2	323.4	9.4	93.4	1.5	187.
5.5	22.6	1668.9	825.0	10.5	9.4	240.2	2.8	2.4	1.4	299.7	324.1	9.1	93.3	1.4	182.
6.2	24.9	1925.2	800.0	9.3	8.4	208.9	3.1	1.5	2.7	301.1	324.8	8.7	93.6	1.3	178.
6.9	27.3	2128.9	775.0	8.3	7.1	191.8	6.0	1.4	6.7	302.7	325.3	8.2	92.1	1.1	176.
7.8	29.6	2455.7	750.0	8.0	-3.4	215.1	10.5	6.1	8.6	305.3	316.9	4.6	44.4	0.7	159.
8.9	32.0	2739.7	725.0	6.4	-1.6	218.5	13.5	8.4	10.6	308.7	322.4	4.7	49.4	0.8	98.
10.0	34.5	3029.1	700.0	7.1	-24.9	220.1	15.5	10.0	11.9	310.3	312.8	4.7	8.3	1.6	42.
11.2	36.9	3326.8	675.0	5.4	-29.3	229.1	16.4	12.4	10.7	311.7	313.3	0.5	6.1	2.7	55.
12.4	39.5	3633.5	650.0	2.9	-30.1	226.7	18.2	13.2	12.5	312.3	313.9	0.5	6.6	3.9	54.
13.6	42.0	3945.1	625.0	0.5	-36.7	220.2	18.4	11.9	14.1	313.0	316.0	0.3	4.1	5.2	51.
14.8	44.7	4275.1	600.0	-2.0	-27.8	226.4	16.7	12.1	11.5	313.6	315.9	0.6	11.7	6.4	49.
16.1	47.4	4611.5	575.0	-4.6	-34.3	240.8	16.1	14.1	7.9	314.6	315.9	0.4	7.6	7.7	50.
17.3	50.1	4959.1	550.0	-7.6	-32.1	247.7	16.5	15.3	6.2	315.1	316.7	0.5	11.9	8.8	52.
18.7	53.0	5319.0	525.0	-10.8	-31.6	255.3	16.6	16.1	4.2	315.4	317.2	0.5	16.1	10.1	54.
19.9	55.9	5652.2	500.0	-13.8	-27.7	256.3	17.7	17.2	4.2	316.2	319.9	1.1	42.7	11.3	57.
21.3	58.8	6088.4	475.0	-16.2	-28.0	258.4	17.1	16.8	3.4	317.9	320.6	0.8	35.3	12.7	59.
22.7	61.9	6425.3	450.0	-18.7	-61.8	262.0	16.7	16.5	2.3	319.7	319.8	0.0	1.0	14.0	61.
24.2	63.0	6708.1	425.0	-22.2	-64.1	260.4	16.9	16.7	2.8	320.5	320.6	0.0	1.0	15.4	63.
25.0	65.1	7158.1	400.0	-26.3	-66.7	268.2	18.3	18.3	0.6	320.9	320.9	0.0	1.0	17.1	65.
27.7	71.6	7813.2	375.0	-30.2	-69.3	276.8	19.0	19.0	-2.4	321.6	321.7	0.0	1.0	18.9	68.
29.4	75.0	8255.2	350.0	-34.8	-72.3	271.3	19.0	19.0	-0.4	321.9	321.9	0.0	1.0	20.8	71.
31.1	78.6	8613.2	325.0	-38.3	-74.6	245.9	15.6	14.3	6.4	324.0	324.0	0.0	1.0	22.5	72.
32.2	82.3	9356.2	300.0	-42.9	90.9	224.9	15.7	11.1	11.1	324.6	999.9	99.9	999.9	24.3	70.
35.4	86.3	9930.3	275.0	-47.8	90.9	217.5	18.0	11.0	14.3	326.8	999.9	99.9	999.9	26.2	68.
37.6	90.5	10555.8	250.0	-52.4	90.9	216.7	19.6	11.7	15.8	326.8	999.9	99.9	999.9	28.4	65.
40.0	94.8	11229.4	225.0	-56.2	9.9	211.4	22.2	1.6	19.0	327.7	999.9	99.9	999.9	30.9	62.
42.6	99.6	11968.0	200.0	-62.0	90.9	225.6	22.9	16.4	16.0	334.2	999.9	99.9	999.9	34.2	60.
45.7	104.6	12768.2	175.0	-68.5	90.9	243.2	16.1	14.4	7.3	334.2	999.9	99.9	999.9	37.8	59.
49.0	110.3	13745.8	150.0	-56.5	90.9	249.9	15.1	14.1	5.2	339.2	999.9	99.9	999.9	40.7	60.
52.9	116.5	14892.8	125.0	-54.9	90.9	264.6	14.8	13.9	1.3	339.2	999.9	99.9	999.9	44.1	61.
57.8	123.7	16311.2	100.0	-54.6	90.9	292.5	10.2	9.4	-3.9	422.3	999.9	99.9	999.9	47.1	64.
64.0	132.0	18140.7	75.0	-54.6	90.9	309.8	5.2	4.0	-3.3	458.2	999.9	99.9	999.9	48.3	67.
72.5	142.5	20735.6	50.0	-54.1	90.9	359.1	3.0	0.0	-3.0	516.1	999.9	99.9	999.9	48.2	69.
85.5	155.0	25238.1	25.0	-48.6	90.9	999.9	99.9	99.9	99.9	644.4	999.9	99.9	999.9	48.9	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPICA, KANSAS25 APRIL 1979
2005 GMT

TIME MUT	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.8	268.0	577.3	5.4	8.3	250.0	7.7	0.0	-7.7	284.4	302.5	7.1	93.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	9.9	287.6	575.0	5.8	5.8	253.4	12.1	1.4	-12.0	285.0	300.5	6.0	76.6	0.2	118.
3.8	11.3	503.3	553.0	6.2	5.1	259.7	14.8	2.4	-14.6	289.7	300.8	5.8	80.3	0.6	170.
1.6	11.6	723.0	925.0	6.0	4.5	353.3	16.2	1.9	-16.1	285.5	300.4	5.7	89.8	1.3	170.
2.4	16.1	947.1	900.0	4.7	3.7	359.8	15.4	0.0	-15.4	286.3	300.9	5.6	93.6	2.2	173.
3.2	19.5	1178.5	875.0	6.0	7.1	13.0	9.4	-2.1	-9.2	292.2	311.4	7.3	93.5	2.6	175.
4.1	21.0	1415.2	850.0	10.2	9.2	9.3	4.2	-0.7	-4.1	296.6	319.9	8.7	93.9	3.1	178.
5.0	23.4	1668.6	825.0	10.4	9.5	319.8	2.6	1.7	-2.0	299.7	324.3	9.1	93.9	3.2	178.
5.9	25.0	1925.2	800.0	9.6	8.7	237.9	2.8	2.4	-1.5	301.4	325.6	8.9	94.1	3.2	176.
6.7	29.5	2189.1	775.0	6.5	7.6	216.7	4.1	2.5	3.3	303.0	326.4	8.5	94.2	3.1	173.
7.6	31.1	2460.1	750.0	6.5	5.4	215.1	6.8	3.9	5.5	303.6	324.5	7.5	92.7	2.9	170.
8.6	33.7	2738.2	725.0	4.4	3.3	229.3	8.3	6.3	5.4	304.3	323.1	6.7	92.4	2.6	162.
9.8	36.3	3024.2	700.0	5.2	-15.7	242.6	11.4	10.1	5.3	308.3	313.3	1.6	20.7	2.5	147.
10.9	39.1	3320.7	675.0	4.6	-25.1	246.2	14.1	12.9	5.7	310.5	313.2	0.7	9.4	2.8	128.
12.0	41.9	3626.2	650.0	1.8	-26.9	247.1	15.9	14.0	6.1	311.1	313.2	0.6	9.7	3.4	114.
13.1	44.7	3941.4	625.0	0.2	-26.5	244.4	16.8	15.2	7.3	312.7	315.0	0.7	11.3	4.2	103.
14.2	47.5	4267.0	600.0	-2.3	-25.5	242.5	15.8	14.9	7.8	313.2	316.2	0.8	15.0	5.1	95.
15.4	50.4	4603.3	575.0	-4.9	-21.8	243.7	17.5	15.2	8.5	314.2	318.0	1.2	25.1	6.1	89.
16.7	53.4	4951.2	550.0	-7.4	-24.2	242.4	19.4	17.2	9.0	315.2	318.5	1.0	24.6	7.5	83.
18.1	56.5	5311.3	525.0	-10.4	-27.6	251.7	20.0	17.5	6.4	315.5	318.4	0.6	23.3	9.1	80.
19.5	59.6	5665.1	500.0	-12.0	-42.2	254.8	22.4	21.6	5.9	317.2	318.0	0.2	6.5	10.9	79.
20.9	62.9	6074.3	475.0	-15.4	-57.7	250.1	22.1	20.8	7.5	319.0	319.1	0.0	1.0	12.8	78.
24.4	65.1	6980.1	450.0	-18.3	-61.6	245.8	21.9	20.1	8.6	320.2	320.3	0.0	1.0	14.6	77.
26.0	69.6	6954.0	425.0	-21.8	-63.8	247.7	22.3	20.6	8.5	321.0	321.1	0.0	1.0	16.8	76.
27.2	73.1	7346.8	400.0	-25.7	-56.3	251.0	22.7	21.5	7.4	321.6	321.7	0.0	1.0	18.9	75.
28.9	75.9	7810.9	375.0	-35.8	-59.0	251.9	22.3	21.2	6.9	322.2	322.2	0.0	1.0	21.1	75.
30.5	80.6	8296.0	350.0	-33.6	-71.5	254.6	20.1	19.4	5.3	323.5	323.5	0.0	1.0	23.1	75.
32.4	85.7	8813.9	325.0	-36.6	-71.1	254.6	21.0	21.0	5.8	323.4	323.5	0.0	2.0	25.2	75.
34.6	89.2	9352.3	300.0	-43.4	59.9	261.2	27.7	27.4	4.2	324.2	324.2	99.9	99.9	2.9	75.
36.4	97.7	10558.7	250.0	-52.6	59.9	265.9	28.9	28.8	1.6	325.3	325.3	99.9	99.9	31.7	74.
38.8	102.6	11250.7	225.0	-56.1	59.9	260.2	21.4	21.1	3.6	327.2	327.2	99.9	99.9	34.6	77.
41.2	107.8	11964.0	200.0	-62.2	59.9	235.8	19.7	15.5	10.5	328.2	328.2	99.9	99.9	37.0	77.
43.9	113.6	12755.8	175.0	-68.5	59.9	229.2	22.5	17.0	14.7	329.2	329.2	99.9	99.9	39.5	74.
47.0	123.0	13756.4	150.0	-61.3	99.9	249.3	15.9	22.3	5.6	333.4	333.4	99.9	99.9	43.7	74.
50.7	127.5	14903.3	125.0	-56.3	99.9	251.1	16.5	16.4	5.6	334.5	334.5	99.9	99.9	46.7	74.
53.4	135.0	16325.8	100.0	-55.8	99.9	254.4	9.4	8.5	1.4	335.0	335.0	99.9	99.9	50.5	74.
61.1	144.0	18145.4	75.0	-54.4	99.9	292.9	4.0	3.4	-3.0	419.5	999.2	99.9	99.9	53.9	75.
68.9	154.3	20337.3	50.0	-55.6	99.9	303.7	2.4	2.0	-1.4	512.5	999.9	99.9	99.9	55.2	77.
80.4	164.5	25212.2	25.0	-51.2	59.9	999.9	99.9	99.9	99.9	937.8	999.9	99.9	99.9	57.6	79.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPERA, KANSAS28 APRIL 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT V DEG K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	9.1	268.0	978.4	5.4	6.7	350.0	4.2	1.1	-6.1	294.3	290.6	6.3	83.8	0.0	0.
02.0	7.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	9.4	297.0	975.0	5.2	5.6	224.9	8.2	5.8	5.8	284.4	299.1	5.9	78.3	0.1	298.
06.0	11.7	512.0	950.0	7.0	4.9	6.1	12.9	-1.9	-12.6	286.5	300.9	6.0	87.8	0.4	188.
08.0	14.1	731.6	925.0	7.0	4.9	6.7	16.7	-1.9	-16.6	286.5	301.8	5.9	86.4	1.0	188.
10.0	16.5	957.9	900.0	8.3	6.0	359.6	18.9	1.8	-18.0	290.0	307.4	6.6	85.8	2.0	186.
12.0	19.9	1191.1	875.0	8.1	6.9	339.9	16.6	5.7	-15.6	292.2	311.2	7.2	92.5	2.9	179.
14.0	21.4	1430.6	850.0	7.2	5.2	331.1	14.5	7.0	-12.7	293.7	311.3	6.5	86.8	3.7	174.
16.0	23.8	1676.5	825.0	7.0	4.9	315.0	11.8	8.2	-8.2	296.0	313.9	6.6	86.7	4.3	169.
18.0	26.3	1930.4	800.0	7.8	5.7	281.6	9.0	8.9	-1.8	299.4	319.2	7.2	86.7	4.7	164.
20.0	28.9	2192.5	775.0	7.8	4.9	257.4	8.9	8.7	1.9	301.2	320.8	7.0	86.5	5.8	158.
22.0	31.5	2467.0	750.0	5.5	3.4	267.2	9.3	9.3	0.4	302.2	320.8	6.6	86.6	5.8	152.
24.0	34.1	2732.7	725.0	2.8	1.7	277.2	9.3	9.3	-1.2	303.7	320.8	6.0	86.2	5.2	147.
26.0	36.8	3023.1	700.0	1.0	-0.5	282.0	9.8	9.6	-2.0	303.6	318.4	5.3	89.7	5.6	143.
28.0	39.6	3315.0	675.0	-1.1	-3.1	284.3	11.6	11.3	-2.9	304.4	317.4	4.5	86.6	6.1	139.
30.0	42.2	3615.3	650.0	-2.8	-11.0	270.6	14.6	14.6	-0.1	305.2	313.6	2.6	55.0	6.8	135.
32.0	45.1	3926.2	625.0	-2.7	-18.3	251.8	16.5	15.7	5.2	309.3	313.8	1.4	28.5	7.5	128.
34.0	48.0	4248.8	600.0	-4.1	-15.5	241.3	18.6	16.3	9.0	311.4	317.3	1.9	40.7	8.2	119.
36.0	50.9	4582.9	575.0	-6.8	-15.1	245.6	21.3	19.4	8.8	312.6	318.4	2.1	51.8	9.1	112.
38.0	53.9	4929.2	550.0	-5.0	-24.2	246.8	21.9	20.2	8.6	313.2	316.6	1.0	27.7	10.1	106.
40.0	57.0	5287.2	525.0	-11.7	-28.0	246.5	22.9	21.0	9.1	314.3	316.8	0.7	24.4	11.5	101.
42.0	60.1	5656.7	500.0	-14.8	-26.9	241.7	23.6	20.8	11.2	314.6	317.6	0.8	34.9	13.0	96.
44.0	63.4	6045.2	475.0	-17.3	-32.7	243.4	26.4	23.6	11.8	316.6	318.3	0.5	24.7	14.7	91.
46.0	66.7	6448.4	450.0	-20.1	-38.8	242.1	28.9	25.6	13.5	318.0	319.3	0.4	20.8	16.8	88.
48.0	70.1	6865.3	425.0	-23.4	-40.7	237.9	30.3	25.4	16.5	319.7	319.9	0.3	18.5	19.1	84.
50.0	73.6	7309.4	400.0	-27.1	-46.1	236.1	28.9	24.0	16.1	319.7	320.3	0.2	14.8	21.6	81.
52.0	77.3	7778.5	375.0	-31.4	-42.1	238.3	30.1	25.6	15.8	320.1	321.0	0.2	34.3	24.1	78.
54.0	81.0	8256.4	350.0	-36.3	-41.1	242.1	29.3	25.8	13.7	322.6	323.6	0.3	49.6	27.1	76.
56.0	85.0	8770.4	325.0	-38.5	-44.9	245.8	28.6	26.1	11.7	323.7	324.5	0.2	50.1	30.0	75.
58.0	89.2	9314.4	300.0	-43.5	-49.9	250.8	31.2	29.4	10.2	324.1	329.9	99.9	99.9	32.9	74.
60.0	93.4	9893.4	275.0	-48.7	-59.9	256.9	34.9	34.0	7.9	324.7	329.9	99.9	99.9	34.8	74.
62.0	97.0	10511.8	250.0	-54.8	-59.9	261.5	32.2	35.8	5.4	324.6	329.9	99.9	99.9	41.0	75.
64.0	102.0	11176.7	225.0	-55.5	-59.9	253.8	31.4	38.1	8.9	327.2	329.9	99.9	99.9	45.9	75.
66.0	108.0	11915.0	200.0	-60.0	-59.9	240.8	25.4	22.3	12.5	337.6	329.9	99.9	99.9	49.8	74.
68.0	115.5	12744.2	175.0	-61.5	-59.9	263.5	25.8	25.6	2.9	348.2	329.9	99.9	99.9	54.1	74.
70.0	123.0	13711.9	150.0	-57.8	-59.9	248.2	17.9	16.6	4.7	370.5	329.9	99.9	99.9	58.6	75.
72.0	130.3	14858.0	125.0	-57.3	-59.9	279.6	13.4	13.2	-2.2	391.3	329.9	99.9	99.9	62.5	75.
74.0	138.0	16278.3	100.0	-56.6	-59.9	286.3	9.3	8.9	-2.6	418.4	329.9	99.9	99.9	65.8	76.
76.0	142.3	18085.4	75.0	-57.8	-59.9	292.8	4.4	4.1	-1.7	431.6	329.9	99.9	99.9	68.6	77.
78.0	152.3	20472.7	50.0	-55.1	-59.9	308.2	4.2	3.3	-2.6	453.6	329.9	99.9	99.9	71.5	78.
80.0	163.7	25123.7	25.0	-49.3	-59.9	289.2	10.1	9.5	-3.3	642.4	329.9	99.9	99.9	89.8	81.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPERA, KANSAS

26 APRIL 1979
205 GMT

TIME MIN	CNCT	HEIGHT GMS	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	COMP M/SEC	POT T DEG K	E POT T DEG K	MH STD CM/KG	RH PCT	RANGE KM	AZ DEG
7.0	8.4	262.0	580.4	6.3	3.9	350.0	9.7	1.0	-5.6	283.1	296.5	5.2	74.0	163	12.0
9.9	99.9	59.9	1000.0	69.9	99.9	99.9	99.9	99.9	-9.9	79.9	999.9	99.9	999.9	0.0	0.0
0.3	0.9	313.0	575.0	5.0	3.7	346.0	12.4	3.0	-12.0	284.2	297.6	5.1	69.0	999.9	99.9
1.7	11.3	528.6	550.0	7.0	3.5	345.0	15.7	3.9	-15.2	284.2	297.6	5.2	78.2	0.0	10.0
2.1	13.7	777.3	925.0	5.0	3.5	345.0	16.0	3.9	-15.5	284.4	298.3	5.3	80.0	1.7	10.7
3.0	16.1	970.4	900.0	2.0	2.2	344.5	16.4	4.4	-15.0	284.4	297.4	5.0	96.1	2.6	10.7
3.9	18.0	1159.5	875.0	5.2	1.6	341.7	16.6	5.2	-15.0	289.2	302.4	4.9	78.2	3.5	10.4
4.0	21.1	1436.9	750.0	7.1	-0.9	333.6	16.2	7.2	-14.6	293.6	305.2	4.2	54.5	4.0	10.4
5.8	23.6	1682.5	825.0	6.8	-14.6	332.7	16.4	7.5	-14.6	295.2	301.7	2.1	27.3	5.4	10.2
6.9	26.2	1934.7	850.0	5.6	-10.5	323.0	14.3	8.4	-11.5	297.2	303.5	2.2	30.7	6.4	10.0
7.0	28.7	2194.0	775.0	9.0	-10.3	309.7	11.0	8.5	-7.0	299.2	305.9	2.3	32.2	7.0	15.0
4.7	31.3	2461.3	750.0	4.6	-8.2	295.9	10.6	9.5	-4.6	301.8	309.6	2.7	38.3	7.4	15.0
9.6	34.0	2736.4	725.0	2.0	-37.8	292.7	12.1	11.2	-4.7	302.8	303.3	0.2	3.1	7.9	15.1
10.7	36.7	3019.0	700.0	1.8	-40.9	289.1	12.7	12.0	-4.2	304.2	304.7	0.1	1.0	8.5	14.9
11.8	39.4	3311.6	675.0	-0.6	-33.6	291.1	15.3	14.3	-5.5	305.0	306.3	0.4	7.2	9.3	14.5
12.9	42.3	3611.5	650.0	-3.2	-24.5	285.5	17.9	17.3	-4.0	305.2	307.9	0.0	17.0	10.2	14.2
14.1	45.2	3928.7	625.0	-5.3	-12.1	271.3	21.2	21.2	-3.5	306.4	313.7	2.4	58.5	11.2	13.7
15.2	48.1	4240.9	600.0	-5.7	-20.0	255.0	25.0	24.2	6.1	309.2	313.6	1.3	31.2	12.2	13.1
16.4	51.1	4574.2	575.0	-7.2	-16.0	244.0	27.5	24.7	12.0	311.6	317.5	1.9	48.9	13.3	12.0
17.6	54.1	4919.5	550.0	-5.3	-17.7	233.7	26.7	21.5	15.0	313.1	318.5	1.7	50.3	14.2	11.0
18.9	57.4	5274.9	525.0	-13.0	-18.0	232.5	24.3	20.9	16.0	312.2	318.4	1.0	65.7	15.2	10.9
20.0	60.5	5647.1	500.0	-15.6	-18.0	236.3	27.2	22.7	15.1	314.0	319.0	1.0	42.0	16.3	10.0
21.3	63.9	6032.1	475.0	-18.4	-20.3	237.6	29.1	23.8	15.1	315.2	320.3	1.6	85.2	17.8	9.9
22.7	67.1	6423.5	450.0	-21.3	-23.3	237.7	29.3	24.0	15.6	316.4	320.6	1.3	83.9	19.6	9.5
24.1	70.7	6852.9	425.0	-24.5	-26.9	239.0	31.3	27.1	15.0	317.6	320.9	1.0	80.4	21.7	9.1
27.0	74.3	7294.9	400.0	-27.8	-30.3	240.4	30.0	26.6	15.1	318.6	321.4	0.0	79.2	24.2	8.7
27.1	77.9	7752.8	375.0	-31.1	-34.1	238.6	29.3	25.0	15.3	320.4	322.4	0.6	74.7	26.7	8.5
28.6	81.0	8238.1	350.0	-35.2	-38.8	239.3	26.0	25.6	15.2	321.3	322.6	0.4	69.0	29.5	8.2
30.8	85.8	8758.1	325.0	-38.6	-43.1	242.2	30.7	27.2	14.3	322.1	323.1	0.3	64.5	32.0	8.0
32.5	90.0	9292.0	300.0	-44.3	99.9	249.0	32.4	30.2	11.0	322.9	323.9	99.9	9.9	35.0	7.0
34.6	94.4	9868.1	275.0	-50.2	99.9	255.0	36.7	35.5	9.5	322.5	324.9	99.9	99.9	40.1	7.0
36.6	99.0	10402.7	250.0	-52.7	99.9	258.7	37.8	37.0	7.4	323.3	325.9	99.9	99.9	44.7	7.0
37.9	104.0	11147.0	225.0	-58.5	99.9	249.2	34.0	31.8	12.1	328.5	329.9	99.9	99.9	49.6	7.0
41.7	109.2	11886.1	200.0	-56.6	99.9	261.5	30.6	30.3	4.5	329.5	329.9	99.9	99.9	55.0	7.7
46.5	114.0	12730.4	175.0	-57.2	99.9	240.0	19.3	16.0	9.4	355.3	355.9	99.9	99.9	59.7	7.7
49.9	121.0	13700.6	150.0	-58.0	99.9	245.2	18.3	16.6	7.7	368.7	369.9	99.9	99.9	63.7	7.0
51.3	127.8	14693.6	125.0	-56.6	99.9	270.4	12.2	12.2	-0.1	392.6	392.9	99.9	99.9	68.1	7.0
54.6	135.3	16262.5	100.0	-58.3	99.9	294.5	8.0	7.2	-3.0	415.2	415.9	99.9	99.9	69.9	7.7
65.0	144.0	18074.9	75.0	-57.1	99.9	290.6	7.1	6.7	-2.5	484.1	484.9	99.9	99.9	73.0	7.0
75.2	150.0	20046.4	50.0	-56.0	99.9	337.6	4.6	1.7	-0.3	504.6	504.9	99.9	99.9	76.4	7.0
90.7	165.0	23083.7	25.0	-56.2	99.9	999.9	99.9	99.9	99.9	600.3	600.9	99.9	99.9	73.0	8.2

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPKAI, KANSAS

 26 APRIL 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MH RTO CM/KG	RH PCT	RANGE NM	AZ DEG
3.0	8.5	268.0	582.0	7.2	4.5	240.0	5.1	1.7	-0.8	281.8	295.7	5.4	83.0	0.0	0.
93.0	99.9	95.0	1000.0	76.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.2	9.2	327.2	675.0	8.6	2.6	9.9	0.6	-0.1	-0.6	283.2	296.2	4.7	65.0	0.3	104.
1.0	11.5	541.6	950.0	7.0	2.6	359.0	9.0	0.0	-0.8	284.2	297.6	4.9	73.0	0.5	172.
1.0	14.0	768.1	925.0	4.7	1.1	350.2	13.0	0.4	-13.0	284.2	296.0	4.5	77.3	1.1	176.
2.5	16.4	983.5	900.0	3.8	0.1	331.8	17.4	2.5	-17.2	285.4	294.7	4.3	78.7	2.0	176.
3.7	19.9	1211.9	875.0	2.4	-2.4	337.6	20.3	4.4	-19.9	284.3	296.2	3.7	78.4	3.0	173.
4.7	21.4	1446.7	850.0	4.5	-0.2	332.4	18.4	0.4	-10.4	290.5	296.9	2.1	34.0	4.2	171.
5.0	24.0	1698.0	825.0	6.1	-11.6	322.4	18.3	11.1	-15.8	295.1	300.6	1.9	26.8	5.3	165.
6.0	29.5	1942.5	800.0	5.5	-14.2	319.1	18.5	12.1	-14.0	297.0	303.2	1.5	22.1	7.4	157.
7.9	31.2	2201.5	775.0	4.5	-15.3	317.1	17.0	12.6	-11.2	298.7	304.9	1.0	28.3	0.4	154.
8.9	31.8	2467.6	750.0	3.8	-13.8	309.1	18.4	14.4	-11.7	299.2	304.9	1.0	28.3	0.4	154.
12.0	34.5	2740.0	725.0	8.6	-17.5	302.4	18.0	15.9	-10.1	300.3	304.4	1.3	24.0	9.5	150.
11.0	37.2	3022.0	700.0	-0.0	-23.4	280.4	17.3	16.4	-5.5	302.5	305.1	0.8	19.1	10.5	147.
12.2	40.0	3312.4	675.0	-0.0	-26.3	270.3	14.6	14.6	-0.1	304.7	306.8	0.7	12.3	11.2	143.
13.4	42.9	3612.5	650.0	-3.4	-31.1	272.1	15.0	15.5	-2.7	305.2	306.6	0.4	9.5	11.0	135.
14.6	45.0	3921.3	625.0	-5.4	-33.5	277.1	18.1	18.0	-2.2	306.1	307.3	0.4	8.8	12.7	135.
15.9	47.8	4230.8	600.0	-6.0	-39.0	276.6	23.1	22.9	-2.6	304.2	308.7	0.4	16.7	14.0	131.
17.1	51.0	4588.8	575.0	-10.5	-23.6	268.3	27.2	27.2	0.8	307.4	310.0	1.0	33.1	15.5	127.
18.3	54.9	4995.7	550.0	-12.5	-20.8	250.0	30.7	29.8	7.4	309.2	313.4	1.3	50.1	17.1	125.
19.4	58.0	5263.7	525.0	-14.2	-17.5	244.5	34.1	30.8	14.7	311.4	317.2	1.0	75.7	18.5	117.
20.5	61.3	5637.8	500.0	-16.1	-18.2	240.7	36.2	31.6	17.7	313.4	320.1	2.2	99.3	19.0	111.
21.6	64.6	6017.7	475.0	-18.5	-21.3	241.0	36.1	31.6	17.5	315.0	319.8	1.5	79.4	21.6	104.
22.9	67.9	6419.4	450.0	-20.4	-24.7	242.1	36.9	31.8	16.8	317.2	320.3	0.8	47.1	23.6	101.
24.3	71.4	6840.4	425.0	-23.9	-34.0	241.8	35.1	31.0	16.4	318.2	320.0	0.5	38.7	25.9	97.
25.7	75.0	7279.2	400.0	-27.5	-33.5	239.0	35.0	30.0	10.0	319.3	321.2	0.4	56.0	28.3	94.
27.1	78.7	7735.7	375.0	-31.7	-36.4	236.6	36.0	30.7	18.7	319.2	321.2	0.4	62.6	30.8	91.
28.6	82.6	8225.3	350.0	-36.1	-41.1	241.3	37.0	32.5	17.2	320.1	321.2	0.3	59.5	33.7	88.
30.3	86.7	8772.7	325.0	-40.8	99.9	242.6	37.9	33.7	17.5	320.7	320.9	99.9	999.9	36.9	85.
32.1	90.8	9271.8	300.0	-46.0	99.9	247.5	38.0	36.0	15.2	320.2	320.9	99.9	999.9	41.1	83.
34.1	95.2	9848.7	275.0	-49.7	99.9	255.4	38.7	37.4	9.8	323.2	320.9	99.9	999.9	45.6	82.
36.3	99.0	10463.4	250.0	-53.8	99.9	256.8	37.2	36.2	0.5	326.0	320.9	99.9	999.9	50.7	81.
38.7	104.3	11130.7	225.0	-57.0	99.9	257.0	36.0	35.2	7.6	327.7	320.9	99.9	999.9	56.0	81.
41.2	109.1	11805.7	200.0	-55.1	99.9	251.3	29.0	27.5	9.3	345.2	320.9	99.9	999.9	61.0	81.
44.1	115.5	12735.0	175.0	-56.8	99.9	251.6	23.4	19.4	13.3	356.2	320.9	99.9	999.9	64.9	70.
47.7	121.7	13711.7	150.0	-57.4	99.9	251.6	20.9	19.5	6.5	371.1	320.9	99.9	999.9	69.1	70.
51.0	129.3	14971.3	125.0	-54.8	99.9	274.4	16.3	16.5	-1.3	394.1	320.9	99.9	999.9	74.2	70.
54.0	136.0	16280.7	100.0	-55.5	99.9	276.0	11.0	8.0	-1.0	428.5	320.9	99.9	999.9	77.4	70.
57.0	144.7	18111.5	75.0	-57.7	99.9	322.5	4.9	3.0	-3.0	451.6	320.9	99.9	999.9	79.6	80.
62.0	153.9	19999.9	50.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
90.5	99.9	99.9	25.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 358
TUCUM, KANSAS

26 APRIL 1979
205 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E LOT T DEG K	RM RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	8.2	218.0	583.2	5.0	3.3	300.0	3.1	2.7	-1.5	279.2	292.2	5.6	99.9	9.0	0.
9.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.9	336.7	575.0	6.7	2.2	352.9	6.0	0.7	-5.9	281.5	293.9	4.6	72.0	0.1	131.
1.0	11.0	556.0	550.0	5.9	1.5	7.7	7.0	-1.0	-7.8	203.2	294.9	4.5	73.2	0.3	163.
1.8	13.2	767.7	925.0	4.3	-0.4	8.7	10.9	-1.7	10.0	203.2	294.3	4.0	71.7	0.7	101.
2.6	15.3	990.4	900.0	3.1	-1.6	9.9	13.4	-1.1	-13.4	204.7	294.6	3.0	71.0	1.4	103.
3.5	17.5	1219.6	875.0	2.9	-4.9	9.1	16.5	-2.6	-10.3	206.2	295.1	3.0	56.5	2.2	105.
4.3	19.9	1453.3	850.0	2.4	-5.2	9.9	12.3	-2.0	-10.3	208.7	295.8	2.9	54.5	3.2	106.
5.3	22.2	1694.2	825.0	1.4	-12.4	1.0	17.4	-0.3	-17.4	292.1	295.2	1.8	34.8	4.1	106.
6.1	24.5	1942.0	800.0	1.5	-17.0	341.4	17.3	9.5	-10.4	292.7	296.4	1.3	23.6	4.9	106.
7.1	26.9	2156.9	775.0	0.7	-13.6	327.1	10.8	10.2	-15.0	294.2	299.7	1.7	33.4	5.0	179.
8.0	29.3	2450.9	750.0	-0.3	-15.9	320.1	17.3	11.1	-13.3	296.2	300.6	1.9	29.7	6.7	173.
8.9	31.6	2730.6	725.0	-1.2	-18.5	308.6	16.1	12.6	-10.0	298.1	301.0	1.2	25.3	7.4	169.
9.9	34.1	3066.3	700.0	-3.0	-24.3	298.2	15.4	13.6	-7.3	299.2	301.6	0.6	17.3	8.1	166.
11.0	36.6	3294.3	675.0	-4.7	-31.2	297.3	15.6	13.9	-7.1	300.2	301.7	0.4	10.5	8.8	159.
12.0	39.1	3592.1	650.0	-6.9	-35.1	298.3	10.4	14.4	-7.8	301.2	302.2	0.3	8.3	9.6	155.
13.1	41.7	3866.9	625.0	-8.8	-36.4	301.0	12.1	15.5	-9.3	302.4	303.3	0.3	8.5	10.4	152.
14.4	44.3	4212.1	600.0	-10.6	-31.0	304.0	20.9	17.3	-11.7	303.9	305.4	0.4	15.5	11.6	148.
15.5	47.0	4526.2	575.0	-12.5	-30.4	303.0	21.7	18.2	-11.0	305.2	306.3	0.3	11.5	13.1	146.
16.5	49.0	4876.3	550.0	-14.2	-31.0	299.2	20.6	18.0	-10.1	306.4	307.8	0.2	8.7	15.3	144.
17.5	52.7	5225.9	525.0	-16.3	-33.4	298.4	21.4	19.2	-9.5	306.5	307.0	0.2	7.9	15.4	142.
18.6	55.6	5566.1	500.0	-18.0	-37.1	296.6	25.7	24.6	-7.3	307.4	307.8	0.1	7.5	17.0	139.
19.6	59.5	5905.4	475.0	-22.5	-40.0	273.7	31.0	31.5	-2.1	310.1	310.5	0.1	6.0	18.4	135.
21.1	61.6	6365.0	450.0	-24.0	-39.3	259.0	39.3	38.5	7.5	311.9	312.9	0.3	26.1	20.3	129.
22.3	64.7	6774.6	425.0	-27.1	-37.5	247.9	43.5	40.3	16.4	314.2	315.5	0.4	36.1	22.1	123.
23.4	68.0	7207.7	400.0	-31.5	-33.5	240.1	42.8	38.5	10.7	314.1	314.8	0.2	29.1	23.7	117.
24.9	71.3	7661.1	375.0	-34.7	-30.1	247.0	43.0	40.1	17.0	315.7	315.9	0.1	11.6	25.2	110.
26.6	74.9	8134.3	350.0	-38.3	-26.4	249.6	46.2	43.3	16.1	317.1	317.3	0.0	12.2	29.0	104.
28.3	79.5	8644.5	325.0	-42.4	-22.4	251.4	46.6	44.4	14.9	318.2	319.3	0.9	99.9	33.9	100.
30.2	82.3	9101.0	300.0	-45.9	-19.9	254.7	45.6	44.0	12.0	320.2	319.9	0.9	99.9	38.9	96.
32.2	85.2	9570.0	275.0	-47.0	-19.9	259.3	42.0	41.3	7.8	326.2	319.9	0.9	99.9	43.5	94.
34.5	92.5	10384.7	250.0	-49.6	-19.9	263.8	33.1	32.9	3.6	332.4	319.9	0.9	99.9	48.7	93.
37.2	95.0	11072.6	225.0	-51.0	-19.9	259.0	25.2	24.0	4.5	340.4	319.9	0.9	99.9	53.2	92.
40.8	104.8	12686.5	175.0	-55.3	-19.9	264.6	25.7	25.6	2.4	350.6	319.9	0.9	99.9	60.5	90.
44.6	116.6	14830.4	125.0	-56.2	-19.9	279.5	15.4	15.2	-2.5	397.8	319.9	0.9	99.9	69.6	90.
50.9	126.0	16250.3	100.0	-57.4	-19.9	270.6	11.0	11.0	-0.2	416.5	319.9	0.9	99.9	72.9	90.
61.2	132.3	18071.1	75.0	-56.4	-19.9	303.9	7.6	6.3	-0.3	454.7	319.9	0.9	99.9	73.4	91.
66.8	143.0	20639.5	50.0	-55.3	-19.9	201.7	0.4	1.4	4.1	513.1	319.9	0.9	99.9	77.0	91.
82.7	156.0	25070.0	25.0	-51.3	-19.9	203.3	7.7	7.5	-1.0	637.2	319.9	0.9	99.9	80.0	92.

1 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 496
TOPEKA, KANSAS26 APRIL 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DG K	E POT. F DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0-0	9-2	288.0	983.0	2-8	1-8	300.0	2-1	1-8	-1-0	277.3	288.6	4-4	93-0	0-0	0-0
95-9	9-9	99-9	1000-0	95-9	59-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	99-9	999-9	999-9
0-3	9-9	336-3	975-0	4-8	2-1	599-9	98-8	99-9	99-9	280-0	291-8	4-6	82-9	999-9	999-9
1-1	11-2	567-0	950-0	5-4	-0-4	999-9	99-9	99-9	99-9	282-7	293-0	3-9	66-1	999-9	999-9
1-9	13-5	764-7	925-0	4-2	-3-1	999-9	99-9	99-9	99-9	283-6	292-4	3-3	59-2	0-6	181-
2-7	15-9	987-2	900-0	3-1	-3-5	13-5	9-8	-2-3	-9-6	284-7	293-6	3-3	61-0	1-1	189-
3-6	18-2	1215-4	875-0	2-3	-3-3	2-4	13-0	-8-5	-13-0	286-2	295-5	3-4	66-6	1-7	188-
4-5	23-7	1448-6	850-0	1-6	-3-9	357-1	14-5	0-7	-14-4	287-2	297-0	3-4	66-9	2-4	186-
5-3	25-1	1699-5	825-0	0-1	-6-1	350-9	15-7	2-5	-15-5	288-1	296-8	2-9	63-3	3-2	183-
6-2	25-6	1935-7	800-0	-1-4	-8-2	342-8	15-3	4-5	-14-6	289-7	296-9	2-6	50-8	4-0	180-
7-2	23-1	2137-9	775-0	-2-9	-10-6	331-7	15-9	7-5	-14-0	290-7	296-9	2-2	55-4	4-9	175-
8-3	33-7	2447-0	750-0	-4-7	-14-6	320-5	16-8	9-2	-16-2	291-2	298-5	1-6	45-7	5-8	171-
9-2	3-2	2714-0	725-0	-4-6	-17-2	329-1	22-0	11-3	-18-8	294-5	298-5	1-4	36-4	6-9	169-
10-2	35-9	2990-0	700-0	-4-6	-23-0	327-7	20-8	11-1	-17-6	297-4	300-0	0-9	22-1	8-1	165-
11-1	38-6	3275-3	675-0	-6-3	-28-8	319-8	18-4	11-9	-14-0	298-6	300-3	0-5	14-9	9-2	162-
12-1	41-3	3576-0	650-0	-7-6	-30-7	308-3	15-6	13-2	-10-3	300-3	301-8	0-5	13-7	10-1	159-
13-2	44-0	3874-1	625-0	-8-6	-35-1	308-2	16-2	14-0	-9-1	302-7	303-7	0-3	9-5	10-9	156-
14-4	47-0	4109-4	600-0	-10-6	-36-5	308-9	16-5	13-5	-8-4	303-9	304-8	0-3	9-7	11-8	153-
15-5	49-9	4315-3	575-0	-12-9	-35-7	303-0	16-3	13-5	-10-0	304-5	306-0	0-3	12-6	12-9	150-
16-7	52-9	4652-5	550-0	-15-7	-37-8	302-0	15-7	16-7	-10-5	305-5	306-4	0-3	12-9	14-1	148-
17-9	55-9	5201-4	525-0	-18-5	-40-9	301-6	18-2	15-5	-9-6	306-1	306-6	0-2	11-9	15-5	145-
19-3	59-0	5563-5	500-0	-20-9	-41-7	307-7	15-5	12-2	-9-5	307-5	308-2	0-2	13-4	16-7	144-
20-7	62-1	5900-4	475-0	-24-0	-44-0	314-6	14-5	10-3	-10-2	308-3	308-9	0-2	13-7	17-9	143-
22-1	65-5	6333-1	450-0	-26-7	-46-1	314-7	14-6	10-4	-10-3	309-6	310-1	0-1	13-9	19-1	142-
23-6	68-9	6742-8	425-0	-30-2	-48-8	313-0	15-2	11-1	-10-4	310-3	310-7	0-1	14-3	20-4	142-
25-2	72-3	7171-3	400-0	-33-6	-50-1	314-3	15-6	11-2	-10-9	311-4	311-7	0-1	17-0	21-9	141-
27-0	75-0	7628-1	375-0	-37-8	-53-4	319-9	13-5	8-7	-10-3	311-2	311-9	0-1	17-4	23-4	141-
28-7	79-7	8092-7	350-0	-40-4	-59-9	333-5	15-2	6-8	-13-0	315-1	315-9	99-9	99-9	24-8	141-
30-4	83-7	8594-1	325-0	-44-7	-64-7	320-9	16-7	10-5	-11-0	320-6	320-6	99-9	99-9	26-5	142-
32-5	87-8	9127-4	300-0	-46-0	-69-9	298-4	23-1	20-3	-8-1	326-8	326-8	99-9	99-9	31-9	138-
34-8	92-0	9704-3	275-0	-47-8	-74-9	287-2	27-5	26-3	-6-5	331-5	331-5	99-9	99-9	35-2	134-
37-2	96-6	10331-0	250-0	-49-9	-79-9	284-1	26-6	25-8	-4-5	341-7	341-7	99-9	99-9	39-5	131-
40-2	101-6	11019-2	225-0	-50-1	-84-2	281-8	24-7	24-2	-2-2	351-4	351-4	99-9	99-9	43-5	127-
43-2	106-6	11788-0	200-0	-51-4	-89-9	275-2	22-1	22-0	0-1	374-4	374-4	99-9	99-9	51-6	121-
46-6	112-4	12649-7	175-0	-52-2	-94-9	267-1	21-7	21-7	0-1	397-8	397-8	99-9	99-9	56-0	118-
50-5	118-7	13633-2	150-0	-55-5	-99-9	269-8	16-2	16-0	-4-0	418-2	418-2	99-9	99-9	60-0	116-
55-0	125-7	14798-2	125-0	-53-8	-99-9	278-0	11-1	11-1	-2-2	451-2	451-2	99-9	99-9	63-3	117-
60-4	133-7	16224-0	100-0	-56-7	-99-9	299-7	5-5	5-3	-1-3	509-6	509-6	99-9	99-9	65-5	117-
67-2	143-0	18045-8	75-0	-58-0	-99-9	293-9	8-5	8-3	-2-0	640-7	640-7	99-9	99-9	69-2	118-
76-2	153-7	20617-8	50-0	-56-7	-99-9	283-5	8-5	8-3	-2-0	640-7	640-7	99-9	99-9	69-2	118-
89-9	165-0	25078-6	25-0	-58-1	-99-9	283-4	8-5	8-3	-2-0	640-7	640-7	99-9	99-9	69-2	118-

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 459
 DENVER, COLORADO

 25 APRIL 1979
 1105 GMT

150 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	SEA PT DEG C	D:R DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	21.9	1611.0	826.1	5.0	2.0	40.0	3.1	-2.0	-2.4	292.8	307.1	5.3	81.0	0.0	0.
3.0	33.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
6.0	33.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.0	33.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
12.0	33.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
15.0	33.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
18.0	33.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
21.0	33.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
24.0	33.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
27.0	33.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
30.0	33.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
33.0	33.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
36.0	33.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
39.0	33.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
42.0	33.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
45.0	33.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
48.0	33.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
51.0	33.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
54.0	33.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
57.0	33.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
60.0	33.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
63.0	33.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
66.0	33.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
69.0	33.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
72.0	33.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
75.0	33.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
78.0	33.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
81.0	33.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
84.0	33.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
87.0	33.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
90.0	33.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.0	33.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
96.0	33.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.0	33.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
102.0	33.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
105.0	33.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
108.0	33.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
111.0	33.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
114.0	33.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
117.0	33.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
120.0	33.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
123.0	33.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
126.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
129.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
132.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
135.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
138.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
141.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
144.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
147.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
150.0	33.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO
25 APRIL 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	22.7	1611.0	837.0	8.9	1.1	30.0	3.6	-1.8	-3.1	294.8	310.5	5.0	58.0	0.0	0.
9.0	99.0	99.0	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	26.5	1730.1	825.0	7.0	0.3	599.9	99.9	99.9	99.9	296.0	309.2	4.8	62.5	99.9	99.9
1.5	29.1	2240.0	775.0	4.5	0.6	599.9	99.9	99.9	99.9	295.5	309.7	5.0	78.0	99.9	99.9
2.3	31.8	2504.2	750.0	0.8	0.3	599.9	99.9	99.9	99.9	296.1	310.0	5.1	87.7	99.9	99.9
3.2	34.4	2775.9	725.0	-1.3	-3.9	333.6	6.5	2.7	-5.9	297.4	308.2	3.8	70.6	0.6	191.
4.2	37.2	3054.5	700.0	-3.6	-7.9	316.5	11.2	4.2	-8.4	298.0	307.8	3.5	72.3	0.6	174.
5.3	40.0	3341.1	675.0	-5.3	-9.2	300.9	13.3	7.7	-8.1	298.5	307.1	3.0	72.0	1.4	161.
6.2	42.8	3636.2	650.0	-7.8	-10.7	291.5	14.4	13.4	-8.8	299.7	307.9	2.8	74.0	2.1	149.
7.4	45.9	3940.3	625.0	-9.9	-12.0	278.1	15.0	17.8	-9.3	300.1	307.7	2.6	79.8	2.8	140.
8.7	49.8	4254.4	600.0	-11.7	-18.7	257.7	22.3	22.3	-2.5	301.2	308.3	2.4	84.5	3.9	131.
9.9	51.8	4579.3	575.0	-14.1	-21.0	252.3	25.1	25.9	0.9	302.6	307.0	1.5	55.1	5.1	119.
11.1	54.9	4915.2	550.0	-16.5	-25.5	258.1	25.3	25.8	3.2	303.5	307.4	1.2	55.3	6.6	111.
12.2	58.0	5243.2	525.0	-19.3	-32.1	258.5	24.2	25.7	5.2	305.2	306.8	0.8	41.7	8.2	100.
13.6	61.3	5524.1	500.0	-22.0	-34.2	250.3	24.0	23.6	4.4	306.3	307.7	0.4	31.9	9.7	100.
15.1	64.5	6001.1	475.0	-22.8	-42.5	257.9	23.7	23.7	1.1	307.8	310.5	0.2	14.5	11.8	96.
16.7	67.9	6356.6	450.0	-23.9	-43.0	274.5	38.5	38.3	-3.0	313.2	313.9	0.2	15.2	14.4	94.
18.3	71.4	6812.9	425.0	-25.8	-36.8	271.1	44.8	44.8	-0.8	315.9	317.2	0.4	34.6	17.4	93.
19.7	75.0	7249.3	400.0	-29.1	-38.1	267.0	46.6	46.5	2.5	317.2	318.5	0.4	40.9	21.2	94.
21.1	78.8	7707.3	375.0	-32.9	-41.2	269.9	47.4	47.4	0.1	318.1	319.1	0.3	42.8	25.2	93.
22.6	82.7	8192.7	350.0	-37.2	-43.7	272.2	48.4	48.3	-1.8	318.5	319.3	0.2	50.8	29.2	92.
24.1	86.7	8556.8	325.0	-40.7	-45.9	274.1	50.9	50.4	-3.7	320.2	320.9	0.2	50.8	33.3	92.
26.2	91.0	9237.0	300.0	-44.8	-49.9	274.8	53.0	52.8	-4.5	322.2	322.2	0.2	50.8	38.3	92.
28.5	95.4	9812.9	275.0	-49.6	-53.7	274.4	55.9	55.7	-4.3	323.4	323.4	0.2	50.8	44.4	92.
30.5	100.2	10430.9	250.0	-53.7	-57.9	277.8	59.3	59.8	-6.8	325.3	325.3	0.2	50.8	51.8	93.
32.9	105.2	11104.5	225.0	-55.9	-59.9	280.9	46.8	45.8	-8.8	332.6	332.6	0.2	50.8	65.0	94.
35.3	110.5	11588.1	200.0	-53.7	-59.9	274.5	40.8	40.7	-3.2	347.7	347.7	0.2	50.8	71.8	94.
37.9	116.3	12718.6	175.0	-53.1	-59.9	274.9	26.7	26.6	-2.3	362.3	362.3	0.2	50.8	76.7	94.
41.3	122.7	14705.1	150.0	-54.7	-59.9	267.1	24.2	24.2	1.2	375.6	375.6	0.2	50.8	81.9	94.
45.0	129.7	14865.3	125.0	-54.7	-59.9	273.7	16.3	16.2	-1.1	394.0	394.0	0.2	50.8	86.3	94.
49.8	137.3	16290.3	100.0	-56.1	-59.9	281.1	12.2	12.0	-2.3	419.4	419.4	0.2	50.8	91.9	94.
55.7	146.0	18118.7	75.0	-55.5	-59.9	297.1	9.3	8.3	-4.2	480.6	480.6	0.2	50.8	93.4	94.
63.8	153.3	20597.4	50.0	-56.5	-59.9	332.8	5.7	2.6	-5.1	510.3	510.3	0.2	50.8	95.6	95.
75.0	164.7	25174.6	25.0	-58.0	-59.9	156.9	3.9	-2.3	8.4	641.8	641.8	0.2	50.8	96.8	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 25 APRIL 1979
 2005 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	23.0	1611.0	836.0	12.3	-0.7	320.0	4.1	2.6	-3.1	301.2	313.9	4.4	38.0	0.0	0.
53.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	24.1	1722.0	825.0	11.1	-2.9	317.6	3.1	2.1	-2.3	300.2	311.0	3.7	37.4	0.4	143.
2.8	26.7	1977.5	800.0	8.5	-2.3	353.4	2.2	0.3	-2.2	300.2	311.7	4.0	46.3	0.5	142.
1.4	29.3	2238.6	775.0	6.2	-3.2	353.1	2.9	0.3	-2.6	300.2	311.6	3.9	51.0	0.5	151.
2.3	32.0	2506.2	750.0	3.4	-5.1	314.7	6.3	5.9	-5.9	300.3	310.4	3.5	53.7	0.8	146.
3.2	34.8	2780.2	725.0	1.1	-9.1	297.9	11.9	9.4	-7.2	300.7	308.4	2.6	46.3	1.3	140.
4.1	37.4	3061.4	700.0	-1.5	-9.0	296.5	14.1	12.6	-6.3	300.6	308.9	2.8	56.8	2.0	136.
4.9	40.3	3356.2	675.0	-3.1	-20.4	287.2	18.4	17.5	-5.4	302.2	305.6	1.1	24.8	2.7	128.
5.7	43.1	3647.4	650.0	-5.7	-21.1	283.7	16.4	17.8	-4.4	302.5	305.9	1.1	24.8	3.6	122.
6.6	46.1	3953.3	625.0	-8.8	-15.8	281.0	17.1	16.0	-3.3	302.4	307.7	1.0	54.8	4.5	118.
7.5	49.0	4268.1	600.0	-11.3	-16.1	275.0	17.4	17.2	-2.3	303.0	308.5	1.8	67.3	5.3	115.
8.3	52.1	4593.2	575.0	-14.1	-15.9	274.0	17.5	17.4	-1.2	303.5	309.3	1.9	85.8	6.2	112.
9.2	55.1	4925.1	550.0	-16.7	-16.9	269.1	17.8	17.7	1.5	304.2	309.9	1.8	98.0	7.1	109.
10.4	58.4	5277.7	525.0	-19.0	-19.8	257.6	20.3	19.8	4.4	305.6	310.3	1.5	92.7	8.3	105.
11.7	61.6	5635.3	500.0	-21.6	-24.9	261.3	23.2	23.0	3.5	306.7	309.9	1.0	76.1	9.8	100.
12.9	64.9	6015.0	475.0	-24.5	-35.6	267.4	25.5	25.5	1.2	307.7	309.0	0.4	34.5	11.4	98.
14.1	69.3	6406.9	450.0	-26.4	-42.3	274.1	38.0	29.9	-2.1	310.0	310.7	0.2	20.6	13.5	97.
15.7	71.9	6819.0	425.0	-27.5	-42.2	280.7	38.5	37.9	-7.2	313.2	314.6	0.2	22.8	16.7	97.
17.4	75.5	7254.1	400.0	-29.3	-38.4	280.8	47.7	46.8	-9.0	316.5	318.1	0.3	40.8	21.0	96.
18.7	79.3	7713.0	375.0	-32.0	-41.3	277.6	50.0	49.6	-6.6	319.5	320.2	0.3	38.5	25.0	96.
20.1	83.2	8196.1	350.0	-35.7	-46.3	276.9	51.9	51.5	-6.2	320.6	321.3	0.2	32.5	29.1	98.
21.7	87.2	8707.0	325.0	-40.1	99.9	277.5	51.3	50.8	-6.7	321.4	321.3	99.9	99.9	34.2	98.
23.7	91.5	9248.3	300.0	-44.2	99.9	277.8	53.94	53.4	-7.3	323.1	323.1	99.9	99.9	40.3	98.
25.5	96.0	9826.1	275.0	-48.0	99.9	276.9	60.74	60.3	-7.3	324.8	324.8	99.9	99.9	44.5	98.
27.6	100.8	10440.9	250.0	-52.3	99.9	278.3	53.44	52.8	-7.7	326.3	326.3	99.9	99.9	48.7	98.
29.8	105.8	11123.9	225.0	-52.7	99.9	278.6	48.44	47.9	-8.7	347.7	347.7	99.9	99.9	53.1	98.
32.4	111.3	11891.7	200.0	-53.7	99.9	277.9	44.04	43.6	-8.7	347.7	347.7	99.9	99.9	57.1	98.
35.2	117.3	12738.9	175.0	-54.1	99.9	285.6	31.14	30.0	-8.4	360.7	360.7	99.9	99.9	74.0	98.
38.4	123.7	13728.3	150.0	-55.1	99.9	276.2	26.44	26.2	-2.9	375.2	375.2	99.9	99.9	79.2	99.
42.3	130.7	14853.0	125.0	-53.9	99.9	275.9	20.14	20.0	-2.1	397.4	397.4	99.9	99.9	84.7	98.
47.1	139.7	16314.8	100.0	-55.6	99.9	293.4	11.84	10.8	-6.7	420.4	420.4	99.9	99.9	88.3	98.
52.0	147.3	18142.5	75.0	-53.7	99.9	253.8	11.64	11.1	3.2	468.4	468.4	99.9	99.9	91.8	98.
60.3	156.7	20729.1	50.0	-55.3	99.9	276.9	7.8	7.0	-8.8	513.4	513.4	99.9	99.9	95.4	99.
72.6	166.0	25182.4	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	639.8	639.8	99.9	99.9	98.4	99.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO25 APRIL 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG M	E POT T DEG K	MZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	22.5	1611.0	835.6	16.7	-10.0	310.0	11.3	8.7	-7.3	305.1	311.6	2.1	15.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	23.5	1716.0	825.0	13.8	-8.3	291.9	11.0	10.3	-4.1	303.2	310.6	2.5	20.7	0.4	11.0
1.9	25.0	1976.3	800.0	10.6	-16.4	292.5	11.3	10.4	-4.3	302.4	306.5	1.3	13.3	0.9	11.3
2.1	29.6	2239.1	775.0	7.9	-16.8	290.2	9.2	8.1	-4.5	302.3	306.4	1.3	15.4	1.4	11.3
2.7	31.2	2508.0	750.0	5.5	-12.8	300.2	10.8	9.3	-5.4	302.5	306.3	1.9	25.3	1.8	11.3
3.4	33.8	2763.6	725.0	2.6	-13.7	299.1	11.9	10.4	-5.8	302.3	307.3	1.8	28.8	2.2	11.3
4.0	36.4	3065.9	700.0	0.1	-13.8	301.6	13.6	11.6	-7.1	302.4	308.3	1.9	34.2	2.7	11.3
3.5	39.2	3355.9	675.0	-3.7	-14.1	306.3	14.0	11.3	-8.3	302.6	308.3	1.9	40.8	3.2	11.3
5.2	41.9	3653.6	650.0	-5.5	-14.7	304.3	16.5	12.0	-8.2	302.7	308.3	1.9	48.1	3.7	11.3
5.0	44.8	3959.7	625.0	-8.3	-18.7	293.0	16.8	15.5	-6.6	303.0	307.3	1.4	42.8	4.4	11.3
7.7	47.7	4275.0	600.0	-10.9	-30.0	283.0	17.1	16.6	-3.8	303.2	305.2	0.5	18.8	5.1	11.7
7.6	50.6	4600.1	575.0	-13.8	-33.4	274.5	17.9	17.9	-1.4	303.6	305.1	0.4	17.2	6.0	11.5
4.5	51.6	4735.9	550.0	-16.8	-34.1	269.0	18.8	18.9	0.3	304.2	305.5	0.4	21.3	7.0	11.1
4.8	56.8	5282.9	525.0	-20.4	-26.7	264.7	18.7	18.6	1.7	303.5	306.5	0.8	56.6	8.3	10.7
1.0	59.9	5682.3	500.0	-22.1	-32.2	263.2	20.6	20.4	2.4	304.6	306.5	0.5	42.8	9.7	10.4
1.3	61.0	6015.6	475.0	-26.2	-45.0	263.3	21.5	21.4	2.5	305.6	306.1	0.1	14.9	11.1	10.1
1.4	66.4	6404.0	450.0	-29.9	-46.7	265.5	23.7	23.6	1.8	305.7	306.1	0.1	17.5	12.6	9.9
6.9	69.9	6805.5	425.0	-31.2	-40.8	274.3	33.0	32.9	-2.5	309.1	309.9	0.2	38.0	14.5	9.8
1.4	73.3	7238.9	400.0	-30.9	-47.4	281.0	44.7	43.9	-8.5	314.6	315.3	0.1	18.1	17.3	9.8
1.6	77.0	7654.9	375.0	-32.2	-42.0	281.7	51.9	50.8	-10.5	317.7	318.6	0.2	40.6	22.6	9.9
1.5	80.8	8176.9	350.0	-36.5	-46.7	281.1	52.3	51.3	-10.1	319.5	320.1	0.2	33.7	28.6	9.9
21.4	84.8	8686.4	325.0	-40.4	-49.9	281.3	55.2	54.1	-10.9	321.0	321.0	99.9	99.9	34.6	10.0
23.7	89.0	9227.9	300.0	-44.1	-49.9	281.0	57.74	56.7	-11.0	323.2	323.2	99.9	99.9	42.6	10.0
2.2	93.3	9307.5	275.0	-47.6	-49.9	284.5	52.24	50.6	-13.1	326.2	326.2	99.9	99.9	49.3	10.0
2.9	97.3	10430.3	250.0	-51.8	-49.9	295.4	50.54	48.7	-13.4	329.1	329.1	99.9	99.9	55.9	10.1
3.3	102.8	11111.3	225.0	-52.9	-49.9	279.2	45.54	45.0	-7.3	337.2	337.2	99.9	99.9	62.6	10.1
32.5	109.0	11865.9	200.0	-55.4	-49.9	283.3	46.54	45.3	-10.7	345.0	345.0	99.9	99.9	68.5	10.1
35.1	113.8	12715.8	175.0	-54.1	-49.9	291.3	26.84	26.9	-10.5	360.7	360.7	99.9	99.9	77.4	10.2
32.2	119.8	13700.8	150.0	-57.2	-49.9	299.5	21.94	20.6	-7.3	371.2	371.2	99.9	99.9	81.3	10.2
42.7	126.7	14658.3	125.0	-53.4	-49.9	288.9	15.34	14.5	-5.0	398.3	398.3	99.9	99.9	86.9	10.2
48.4	134.3	16267.4	100.0	-56.5	-49.9	279.8	13.04	12.8	-2.2	418.7	418.7	99.9	99.9	91.1	10.3
54.2	143.0	18109.4	75.0	-57.1	-49.9	281.2	8.34	8.1	-1.6	453.2	453.2	99.9	99.9	94.5	10.3
62.6	153.0	20684.7	50.0	-56.6	-49.9	273.2	5.8	5.8	-0.3	510.2	510.2	99.9	99.9	96.7	10.3
75.3	163.0	25147.2	25.0	-49.5	-49.9	99.9	99.9	99.9	99.9	642.4	642.4	99.9	99.9	99.0	10.3

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 26 APRIL 1979
 205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCP	RANGE KM	AZ DEG
0.0	22.1	1611.0	836.6	10.0	-3.3	90.0	4.1	-4.1	0.0	298.8	308.1	3.6	39.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	9.4	-2.8	66.3	5.1	-4.7	-2.0	298.6	309.3	3.8	42.0	0.2	251.
1.3	25.7	1981.9	800.0	6.5	-8.1	310.7	5.7	4.3	-3.7	308.3	307.8	2.6	30.0	0.2	223.
2.2	28.2	2243.2	775.0	6.4	-9.4	296.9	8.0	7.2	-3.6	300.7	307.8	2.4	31.1	0.4	144.
3.0	30.8	2510.9	750.0	4.1	-13.2	298.5	8.8	7.7	-4.2	301.6	306.5	1.8	26.9	0.8	132.
4.0	33.4	2785.2	725.0	1.4	-14.4	294.4	10.1	9.2	-4.2	301.0	306.2	1.7	29.6	1.3	126.
4.9	35.0	3066.2	700.0	-1.3	-15.6	287.6	10.9	10.4	-3.3	301.1	305.9	1.6	32.4	1.9	121.
5.8	39.7	3354.7	675.0	-4.1	-17.0	287.2	12.8	12.2	-3.8	301.1	305.6	1.5	35.8	2.5	117.
6.9	41.4	3651.2	650.0	-6.6	-18.5	289.4	13.5	12.8	-4.5	301.5	305.6	1.4	38.3	3.3	115.
7.8	44.1	3955.9	625.0	-9.2	-21.8	291.0	12.7	11.8	-4.5	301.5	305.2	1.1	34.9	4.1	114.
8.7	47.0	4278.1	600.0	-11.7	-28.0	291.9	12.5	11.6	-4.7	302.6	304.6	0.6	24.2	4.8	114.
9.6	50.0	4594.5	575.0	-14.6	-31.4	290.9	12.1	11.3	-4.3	302.9	304.4	0.5	22.3	5.6	113.
10.5	52.8	4925.5	550.0	-17.6	-34.1	289.5	12.3	11.6	-4.1	303.2	304.5	0.4	21.9	6.3	113.
11.9	55.9	5275.6	525.0	-20.7	-36.6	271.4	12.0	11.7	-2.4	303.6	304.6	0.3	22.2	7.1	113.
13.0	58.9	5634.2	500.0	-23.9	-38.5	271.4	13.4	13.4	-0.3	304.0	304.9	0.3	24.2	7.9	111.
13.9	62.1	6006.6	475.0	-26.4	-40.6	274.6	16.8	16.8	-1.3	303.3	306.1	0.2	24.5	8.7	109.
15.0	65.4	6355.6	450.0	-28.7	-43.0	281.5	22.1	21.7	-4.4	307.1	307.8	0.2	23.8	9.8	109.
16.0	68.7	6603.3	425.0	-30.5	-46.4	281.4	26.5	26.0	-5.3	310.0	310.5	0.1	19.2	11.3	107.
17.4	72.1	7233.1	400.0	-31.5	-48.2	284.2	34.7	33.7	-8.5	314.1	314.5	0.1	17.2	13.7	105.
19.1	75.7	7685.0	375.0	-32.7	-49.1	288.7	44.7	42.3	-14.3	318.4	318.8	0.1	17.4	17.8	106.
20.8	79.4	8171.6	350.0	-36.1	-51.9	286.6	50.3	48.2	-14.4	320.1	320.4	0.1	17.7	22.8	107.
22.4	83.3	8681.4	325.0	-40.3	-59.9	285.4	51.2	49.3	-13.6	321.2	321.2	99.9	99.9	27.9	107.
24.1	87.3	9223.1	300.0	-44.2	-69.9	295.7	49.1	47.2	-13.3	323.1	323.1	99.9	99.9	33.0	106.
26.2	91.7	9801.2	275.0	-47.8	-79.9	287.1	49.9	47.7	-14.7	328.1	328.1	99.9	99.9	39.1	106.
28.5	96.0	10423.1	250.0	-52.8	-89.9	286.1	48.9	46.9	-13.6	327.6	327.6	99.9	99.9	44.0	106.
30.9	103.8	11100.7	225.0	-54.2	-99.9	284.1	44.74	43.3	-10.9	335.8	335.8	99.9	99.9	52.9	106.
33.4	105.9	11852.4	200.0	-56.2	-99.9	292.1	39.44	36.5	-14.8	343.4	343.4	99.9	99.9	60.0	106.
37.0	111.5	12701.4	175.0	-56.1	-99.9	297.2	30.14	26.7	-13.8	357.4	357.4	99.9	99.9	68.2	107.
40.9	117.3	13672.5	150.0	-56.7	-99.9	291.5	26.84	25.0	-9.8	372.2	372.2	99.9	99.9	72.7	108.
45.5	124.0	14635.9	125.0	-54.4	-99.9	294.2	18.34	16.7	-7.5	398.2	398.2	99.9	99.9	79.8	108.
50.4	132.0	16263.1	100.0	-57.3	-99.9	234.9	11.54	11.1	-3.8	417.1	417.1	99.9	99.9	82.6	108.
54.6	141.0	18071.5	75.0	-58.3	-99.9	303.8	5.9	4.6	-3.1	450.7	450.7	99.9	99.9	85.2	107.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 459
 DENVER, COLORADO

 26 APRIL 1979
 505 64T

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	CEM PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO MM/KG	RM PCT	AMCE MM	AZ DEG
0.0	22.3	1011.0	837.6	7.2	-1.2	190.0	5.1	0.9	5.0	290.9	306.5	4.2	55.0	0.0	0.
00.0	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.0	99.9	99.9	825.0	9.1	-6.5	252.5	6.8	6.5	2.1	290.2	306.4	2.8	32.5	0.2	13.
08.0	23.5	1736.4	825.0	8.6	-10.1	282.4	6.3	6.1	-1.3	300.4	306.9	2.2	25.2	0.4	64.
09.0	26.0	2252.6	775.0	6.5	-11.8	299.8	5.0	4.7	-1.7	300.6	306.7	2.0	25.6	0.7	83.
10.0	31.3	2520.3	750.0	3.9	-12.9	298.9	6.3	5.5	-3.1	300.8	306.4	1.9	28.1	0.9	93.
11.0	33.9	2794.5	725.0	1.4	-13.9	303.9	6.6	5.7	-3.8	301.1	306.4	1.8	30.8	1.3	101.
12.0	36.7	3075.7	700.0	-1.2	-14.7	304.6	6.6	5.4	-3.7	301.1	306.3	1.7	34.9	1.7	107.
13.0	39.4	3364.2	675.0	-3.9	-15.8	305.4	7.7	6.3	-4.5	301.2	306.3	1.6	38.8	2.1	110.
14.0	42.2	3668.6	650.0	-6.7	-16.9	311.0	10.4	7.8	-6.8	301.4	306.2	1.6	43.0	2.6	114.
15.0	45.1	3965.4	625.0	-9.5	-18.1	319.5	11.8	7.6	-9.0	301.6	306.1	1.5	49.2	3.3	119.
16.0	48.1	4279.4	600.0	-12.0	-20.5	317.8	12.1	8.1	-9.0	302.2	306.0	1.2	49.1	4.2	124.
17.0	51.0	4603.6	575.0	-14.3	-24.8	310.8	9.7	7.4	-6.2	303.2	306.0	0.9	40.6	5.0	125.
18.0	54.1	4938.8	550.0	-17.5	-29.1	298.7	7.0	6.1	-3.4	303.4	305.4	0.6	35.2	5.8	125.
19.0	57.3	5285.4	525.0	-20.3	-33.3	285.2	6.6	6.4	-1.7	304.1	305.5	0.4	30.0	6.3	124.
20.0	60.4	5644.9	500.0	-22.2	-37.4	281.8	9.0	8.8	-1.8	304.2	305.8	0.3	25.6	6.8	122.
21.0	63.8	6018.0	475.0	-26.5	-37.1	289.4	10.6	10.0	-3.5	305.2	306.3	0.3	35.5	7.6	120.
22.0	67.1	6407.2	450.0	-27.5	-44.2	298.8	11.0	9.7	-5.3	308.7	309.2	0.2	18.5	8.6	120.
23.0	70.6	6818.6	425.0	-28.1	-49.1	301.7	12.1	10.3	-6.4	313.0	313.3	0.1	11.2	9.6	120.
24.0	74.3	7258.1	400.0	-31.9	-51.9	294.1	17.6	16.0	-7.2	313.5	313.8	0.1	11.6	10.9	120.
25.0	79.0	7703.9	375.0	-34.0	-54.2	291.5	27.1	25.2	-9.9	316.5	316.8	0.1	10.8	13.0	119.
26.0	81.9	8184.4	350.0	-36.8	-56.2	290.1	34.8	32.7	-12.0	319.2	319.4	0.1	11.1	16.1	117.
27.0	86.0	8553.2	325.0	-40.1	-59.5	288.7	41.9	39.7	-13.4	321.4	321.4	0.1	99.9	20.5	115.
28.0	90.2	9236.4	300.0	-43.1	-59.9	286.7	48.0	46.0	-13.8	324.5	324.5	0.1	99.9	25.9	114.
29.0	94.7	9817.0	275.0	-47.6	-59.9	288.4	45.1	46.5	-15.5	326.2	326.2	0.1	99.9	32.3	112.
30.0	99.5	10448.9	250.0	-51.5	-59.9	288.4	45.6	43.2	-14.4	329.8	329.8	0.1	99.9	40.5	112.
31.0	104.8	11070.9	225.0	-52.7	-59.9	289.5	43.8	41.3	-14.6	337.7	337.7	0.1	99.9	48.1	111.
32.0	109.8	11670.9	200.0	-53.0	-59.9	291.5	40.24	37.4	-14.7	345.2	345.2	0.1	99.9	55.7	111.
33.0	113.8	12331.8	175.0	-54.3	-59.9	293.5	26.94	24.7	-10.7	360.2	360.2	0.1	99.9	63.4	111.
34.0	122.3	13717.1	150.0	-56.6	-59.9	293.0	25.29	22.5	-6.1	372.5	372.5	0.1	99.9	71.9	111.
35.0	129.3	14865.2	125.0	-56.8	-59.9	293.0	23.50	21.6	-9.2	392.1	392.1	0.1	99.9	79.3	111.
36.0	137.0	16298.6	100.0	-55.3	-59.9	297.4	12.98	12.6	-2.8	420.8	420.8	0.1	99.9	82.8	110.
37.0	145.7	18114.0	75.0	-57.5	-59.9	308.7	13.3	10.4	-8.3	451.2	451.2	0.1	99.9	84.5	111.
38.0	154.7	20079.0	50.0	-57.3	-59.9	337.7	7.6	2.9	-7.0	501.6	501.6	0.1	99.9	87.3	112.
39.0	163.7	25133.1	25.0	-52.7	-59.9	999.9	99.9	99.9	99.9	633.2	633.2	0.1	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 26 APRIL 1979
 005 GHT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	WIND PCT	RANGE KM	AZ DEG
0.0	22.5	1611.0	836.0	5.0	-1.0	190.0	4.1	0.7	4.0	292.7	304.3	4.3	65.0	0.0	0.0
09.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.0	1727.2	825.0	6.0	-7.3	99.9	99.9	99.9	99.9	295.7	303.5	2.7	37.0	99.9	99.9
1.3	26.3	1980.6	800.0	7.3	-11.4	99.9	99.9	99.9	99.9	298.9	304.8	2.0	25.1	99.9	99.9
2.3	28.9	2246.7	775.0	5.1	-12.4	99.9	99.9	99.9	99.9	299.3	304.9	1.9	27.0	0.9	66.0
3.1	31.6	2507.1	750.0	5.1	-13.1	277.0	6.3	0.3	0.0	299.4	304.9	1.0	30.1	1.2	73.0
4.0	34.2	2770.9	725.0	2.6	-13.0	280.0	6.0	5.8	-1.5	299.4	304.7	1.0	34.6	1.5	79.0
5.0	37.0	3059.4	700.0	-0.1	-13.0	280.2	6.0	4.0	-1.5	299.4	304.7	1.0	34.6	1.5	79.0
6.2	39.8	3346.4	675.0	-6.2	-16.8	302.3	3.0	2.5	-1.6	299.4	304.5	1.0	40.5	2.0	84.0
7.2	42.6	3641.8	650.0	-7.2	-19.3	315.0	3.1	2.1	-2.2	300.8	304.7	1.3	37.3	2.2	91.0
8.3	45.4	3946.3	625.0	-8.5	-24.0	291.4	3.7	3.5	-1.4	301.2	304.3	0.9	29.6	2.3	93.0
9.2	48.4	4260.3	600.0	-11.0	-28.5	284.2	3.6	3.5	-0.9	302.4	304.3	0.6	23.7	2.6	94.0
10.5	51.4	4584.2	575.0	-14.9	-30.0	289.7	3.9	3.7	-1.3	302.5	304.3	0.5	26.1	2.8	95.0
11.9	54.4	4916.5	550.0	-17.9	-32.4	290.0	5.1	4.5	-3.5	302.9	304.4	0.5	26.8	3.2	96.0
13.3	57.5	5264.0	525.0	-20.2	-38.3	309.7	5.8	4.5	-3.7	304.1	305.0	0.3	17.9	3.6	101.0
14.5	60.8	5624.8	500.0	-22.2	-42.5	319.8	7.4	4.6	-5.7	306.0	306.6	0.2	13.7	4.0	105.0
15.7	64.0	5999.3	475.0	-25.3	-45.0	333.2	8.1	3.7	-7.2	306.7	307.2	0.1	12.6	4.5	109.0
17.1	67.4	6390.3	450.0	-27.3	-47.6	347.7	8.7	5.9	-5.9	308.9	309.3	0.1	12.1	4.8	116.0
18.9	70.0	6800.5	425.0	-29.3	-48.7	360.2	4.9	1.2	-4.8	312.4	312.7	0.1	14.9	5.3	125.0
20.6	74.3	7230.6	400.0	-32.8	-50.4	360.2	4.9	4.6	-0.2	312.4	314.5	0.1	15.2	5.9	126.0
22.4	78.0	7681.7	375.0	-35.9	-52.7	322.6	7.5	4.6	-0.5	316.6	316.9	0.1	15.5	6.8	126.0
24.1	81.0	8158.0	350.0	-38.6	-55.1	302.2	12.2	10.3	-6.5	316.6	316.9	0.1	15.5	6.8	126.0
26.0	93.0	8664.3	325.0	-42.1	-59.9	296.5	10.0	17.0	-0.5	318.7	318.9	0.1	15.5	6.8	126.0
28.4	90.0	9203.3	300.0	-44.5	-69.9	295.7	25.7	23.1	-11.1	322.7	322.7	0.1	15.5	6.8	126.0
30.5	94.3	9781.5	275.0	-48.1	-77.7	297.7	33.5	31.9	-10.2	325.5	325.5	0.1	15.5	6.8	126.0
32.9	99.0	10403.7	250.0	-51.9	-89.9	299.3	36.1	34.0	-11.9	328.5	328.5	0.1	15.5	6.8	126.0
35.6	103.0	11004.7	225.0	-53.6	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
38.9	107.0	11635.9	200.0	-56.3	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
42.3	114.0	12285.1	175.0	-59.2	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
46.4	121.0	13061.3	150.0	-58.0	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
50.9	127.7	14012.6	125.0	-57.2	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
56.4	135.5	16227.4	100.0	-57.9	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
63.0	144.3	18030.3	75.0	-58.3	-99.9	299.3	40.7	38.2	-16.0	336.4	336.4	0.1	15.5	6.8	126.0
71.9	154.3	20008.7	50.0	-59.1	-99.9	303.5	4.5	3.7	-2.5	304.3	304.3	0.1	15.5	6.8	126.0
85.8	164.7	25037.7	25.0	-51.0	-99.9	299.0	4.5	4.5	0.5	306.1	306.1	0.1	15.5	6.8	126.0

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

26 APRIL 1979

1105 G.M.T

00 200. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	22.3	1611.0	836.3	3.2	-5.3	200.0	2.6	0.9	2.4	291.0	299.5	3.1	53.0	0.0	0.
9.0	99.9	55.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.0	99.9	55.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS25 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES. MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.7	260.0	985.4	15.4	15.0	200.0	9.1	1.7	4.8	290.8	318.1	10.9	98.0	0.0	0.
99.9	99.0	55.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	9.5	290.4	975.0	16.1	16.1	211.8	11.5	6.1	9.8	291.4	322.0	11.9	100.6	0.2	25.
0.9	11.7	512.2	950.0	15.6	15.6	218.0	11.9	7.3	9.4	293.1	323.8	11.9	100.0	0.5	29.
1.0	13.0	739.0	925.0	14.9	14.9	230.0	15.3	10.0	7.2	294.6	325.0	11.6	99.9	1.0	37.
2.5	16.0	571.4	900.0	14.3	14.3	248.4	11.2	10.5	4.1	296.3	326.5	11.5	99.8	1.6	47.
3.3	18.3	1200.5	875.0	12.8	12.7	250.9	10.9	10.3	3.6	297.1	325.4	10.7	99.5	2.1	52.
4.2	20.5	1433.2	850.0	11.1	11.1	251.6	11.8	11.2	3.7	297.8	325.1	9.8	99.9	2.7	56.
5.0	22.9	1702.4	825.0	9.6	9.6	255.4	11.5	11.2	2.9	298.7	323.3	9.1	100.1	3.3	59.
5.9	25.1	1556.2	800.0	8.6	8.6	256.8	11.4	11.0	3.0	300.4	324.4	8.9	99.9	3.8	62.
6.8	27.5	2220.8	775.0	7.0	7.0	250.7	10.3	9.7	3.4	301.4	323.7	8.2	99.7	4.4	63.
7.7	29.6	2455.4	750.0	5.5	5.4	246.4	11.1	10.2	4.5	302.5	323.4	7.5	99.4	5.0	64.
8.7	32.3	2767.2	725.0	3.6	3.5	239.9	11.2	9.7	5.6	303.4	322.5	6.8	99.1	5.7	64.
9.7	34.7	3527.0	700.0	2.0	1.4	233.6	10.3	8.3	6.1	304.7	321.9	6.1	99.9	6.3	63.
10.7	37.2	3845.0	675.0	0.2	0.1	232.4	9.4	7.9	6.0	305.5	322.2	5.7	98.8	6.9	62.
11.7	39.7	3667.0	650.0	-2.0	-2.1	235.6	9.2	7.6	5.2	307.2	321.4	5.1	99.4	7.4	62.
12.9	42.3	3557.9	625.0	-4.1	-30.2	244.5	10.2	9.2	4.4	307.7	309.6	0.6	12.9	8.1	61.
14.1	44.9	4276.3	600.0	-4.5	-32.8	257.7	10.5	10.3	2.2	310.5	311.1	0.8	1.0	8.9	62.
15.2	47.7	4613.5	575.0	-6.4	-33.9	266.4	9.3	9.3	0.6	312.6	312.7	0.0	1.0	9.5	64.
16.3	50.3	4959.4	550.0	-8.9	-47.6	278.4	8.6	8.6	-0.1	313.8	313.9	0.1	1.0	10.0	65.
17.6	53.2	5318.1	525.0	-10.8	-56.8	273.8	9.5	9.4	-0.6	315.3	315.0	0.0	1.0	10.6	67.
19.9	56.1	5651.0	500.0	-13.4	-68.4	267.4	10.5	10.5	0.5	316.7	316.0	0.0	1.0	11.4	68.
20.4	59.1	6079.0	475.0	-16.6	-68.4	257.5	11.0	10.7	2.4	317.5	317.6	0.0	1.0	12.2	70.
21.8	62.1	6422.8	450.0	-20.0	-62.6	248.5	12.5	11.7	4.6	318.1	318.2	0.0	1.0	13.2	70.
23.3	65.3	6704.3	425.0	-22.0	-64.6	248.0	13.2	12.2	4.9	319.5	319.5	0.0	1.0	14.4	69.
24.9	69.6	7345.5	400.0	-25.7	-66.4	253.4	11.9	11.4	3.4	321.2	321.6	0.0	1.0	15.6	70.
26.5	71.9	7818.5	375.0	-29.0	-68.5	253.7	12.1	11.6	3.4	323.1	323.2	0.0	1.0	16.8	70.
28.2	75.4	8299.1	350.0	-33.7	-71.6	251.1	12.6	11.0	4.1	323.3	323.3	0.0	1.0	18.1	70.
30.0	78.0	8914.3	325.0	-37.4	-74.0	255.8	13.7	12.5	5.6	325.3	325.2	0.0	1.0	19.5	70.
32.0	82.5	9361.3	300.0	-42.3	99.9	232.2	14.7	11.6	9.0	325.5	325.9	99.9	99.9	21.2	69.
34.1	86.8	9846.0	275.0	-46.5	59.9	230.1	14.9	11.4	9.5	327.5	327.5	99.9	99.9	22.8	68.
36.4	91.0	10569.3	250.0	-51.6	99.9	233.0	20.0	19.9	12.0	329.3	329.3	99.9	99.9	25.1	66.
39.8	95.4	11242.9	225.0	-57.1	99.9	235.1	23.7	19.5	13.6	331.0	331.0	99.9	99.9	28.2	65.
41.2	107.2	11581.5	200.0	-61.1	99.9	236.5	24.2	21.2	14.5	334.3	334.3	99.9	99.9	31.6	64.
43.7	103.2	12904.1	175.0	-64.9	99.9	233.2	27.8	22.3	16.7	346.9	346.9	99.9	99.9	36.0	63.
46.9	111.0	13750.8	150.0	-61.1	99.9	228.6	28.4	16.9	11.7	348.9	348.9	99.9	99.9	40.7	62.
50.5	117.3	14086.2	125.0	-60.3	99.9	220.8	17.6	13.8	13.3	385.9	385.9	99.9	99.9	44.1	61.
55.0	124.3	14285.5	100.0	-56.0	99.9	227.8	17.6	13.8	11.8	417.4	417.4	99.9	99.9	49.1	59.
60.6	132.7	10182.6	75.0	-57.5	99.9	250.9	17.0	15.3	3.9	452.0	452.0	99.9	99.9	53.8	59.
67.5	142.5	23674.0	50.0	-57.3	99.9	230.6	7.1	3.5	-6.2	500.0	500.0	99.9	99.9	57.0	61.
77.9	153.5	25106.6	25.0	-61.6	99.9	999.9	99.9	99.9	99.9	634.4	634.4	99.9	99.9	58.9	64.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS25 APRIL 1979
1405 GMT

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	WIND M/SEC	WIND PCV	RANGE KM	AZ DEG
0.0	9.2	200.0	985.3	17.2	15.7	210.0	6.2	3.1	5.4	291.0	323.1	12.3	97.0	0.0	0.
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	9.0	200.0	975.0	16.6	15.3	211.4	7.7	4.0	6.8	291.0	321.4	11.5	93.2	0.2	22.
1.5	11.2	311.4	950.0	15.3	14.2	227.1	8.1	5.9	5.5	292.7	320.6	10.8	93.5	0.5	33.
2.0	13.4	737.7	925.0	14.0	12.2	245.2	8.9	7.9	3.8	293.7	319.2	9.7	88.8	1.0	44.
3.0	15.6	969.3	900.0	14.4	9.5	247.8	9.2	8.4	3.4	296.7	318.6	8.3	72.4	1.4	52.
3.9	17.8	1207.5	875.0	13.7	8.1	249.0	8.8	8.2	3.2	298.0	319.0	7.6	68.9	1.9	54.
4.9	23.1	1451.2	850.0	11.6	7.6	244.3	8.4	8.5	4.1	298.3	318.5	7.4	73.3	2.4	58.
5.0	25.5	1768.5	825.0	9.7	7.4	231.4	8.2	7.6	6.1	298.2	320.2	7.9	85.8	3.0	59.
7.0	25.8	1952.3	800.0	8.6	5.6	219.4	10.7	6.8	8.8	300.4	320.1	7.2	81.5	3.6	56.
7.9	27.1	2119.9	775.0	7.4	4.1	211.0	10.5	5.6	9.4	301.6	320.3	6.7	79.5	4.2	52.
9.0	27.5	2489.0	750.0	5.9	2.3	216.2	10.3	5.8	8.5	302.5	320.8	6.1	74.0	4.8	49.
10.0	31.9	2768.1	725.0	4.4	-0.8	219.4	8.4	4.3	7.3	304.2	318.7	5.6	67.9	5.4	46.
11.2	33.3	3051.1	700.0	2.0	-2.9	217.5	6.7	4.1	5.3	304.7	317.4	4.4	70.1	6.0	40.
12.3	36.9	3344.3	675.0	2.4	-20.5	254.1	7.4	7.1	2.0	308.2	310.5	0.7	10.1	6.3	47.
13.5	39.4	3648.1	650.0	2.0	-40.7	274.1	8.0	7.9	-0.6	311.2	311.4	0.1	1.0	6.7	50.
14.7	42.0	3923.7	625.0	-0.4	-50.2	270.6	8.3	8.3	-0.1	312.0	312.2	0.1	1.0	7.1	53.
15.9	44.7	4282.6	600.0	-2.8	-31.5	260.0	9.2	9.0	1.6	313.2	313.4	0.1	1.0	7.7	56.
17.2	47.3	4624.4	575.0	-5.4	-53.3	257.2	10.3	10.8	2.3	313.7	313.9	0.0	1.0	8.4	57.
18.4	53.1	4971.2	550.0	-8.3	-55.2	261.3	11.3	11.1	1.7	314.2	314.4	0.0	1.0	9.2	60.
19.9	53.0	5325.7	525.0	-11.1	-56.9	259.1	12.4	12.0	3.2	315.1	315.2	0.0	1.0	10.1	62.
21.3	53.9	5702.3	500.0	-13.8	-58.7	249.7	12.4	11.6	4.3	316.2	316.3	0.0	1.0	11.1	63.
22.9	59.9	6008.7	475.0	-16.6	-60.4	246.3	12.9	11.8	5.2	317.5	317.5	0.0	1.0	12.3	63.
24.5	61.9	6453.8	450.0	-19.2	-62.1	251.8	12.7	12.1	4.0	319.2	319.2	0.0	1.0	13.6	63.
25.2	63.0	6916.4	425.0	-21.9	-63.9	250.8	12.2	11.5	4.0	320.5	320.9	0.0	1.0	14.8	66.
26.0	69.3	7358.8	400.0	-25.6	-65.5	246.4	13.8	12.6	5.5	321.2	321.4	0.0	1.0	16.1	65.
27.8	71.7	7823.1	375.0	-29.6	-68.9	246.4	15.3	14.0	6.1	322.5	322.5	0.0	1.0	17.7	65.
30.6	75.1	8310.8	350.0	-34.0	-71.8	250.7	14.2	13.4	4.7	323.0	323.8	0.0	1.0	19.4	65.
33.6	78.9	8828.0	325.0	-37.7	-74.3	245.0	14.3	13.0	0.8	324.7	324.7	0.0	1.0	21.0	65.
37.9	82.7	9372.1	300.0	-42.7	-76.9	241.9	15.6	13.7	7.3	325.2	325.2	99.9	99.9	22.9	65.
39.9	86.7	9922.8	275.0	-47.8	-79.9	238.8	17.2	14.7	8.5	326.6	326.6	99.9	99.9	25.0	65.
42.0	90.8	10574.5	250.0	-52.5	-82.5	230.8	22.0	17.0	13.9	328.1	328.1	99.9	99.9	27.4	64.
44.6	93.3	11248.0	225.0	-56.7	-85.9	232.9	23.8	19.0	14.4	331.7	331.7	99.9	99.9	31.1	62.
47.0	100.0	11968.9	200.0	-61.6	-89.9	232.5	27.4	18.6	14.3	335.2	335.2	99.9	99.9	34.5	62.
49.0	105.2	12804.1	175.0	-65.9	-93.9	223.8	27.5	15.4	16.5	341.2	341.2	99.9	99.9	38.4	60.
51.2	110.8	13753.9	150.0	-61.2	-96.9	229.7	22.0	16.8	14.2	344.7	344.7	99.9	99.9	42.9	59.
53.2	117.0	14885.1	125.0	-60.5	-99.9	222.3	18.3	12.3	13.6	348.4	348.4	99.9	99.9	47.0	58.
60.1	124.3	16282.4	100.0	-56.8	-96.9	233.2	15.4	9.3	9.3	417.5	417.5	99.9	99.9	52.1	57.
65.0	132.7	18195.4	75.0	-56.3	-99.9	233.2	15.4	9.3	9.8	450.9	450.9	99.9	99.9	58.9	57.
74.1	143.0	20686.0	50.0	-55.9	-99.9	233.2	15.4	9.3	9.9	511.6	511.6	99.9	99.9	66.9	57.
85.7	154.5	25158.2	25.0	-61.4	-99.9	233.2	15.4	9.3	9.9	648.4	648.4	99.9	99.9	77.9	57.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS28 APRIL 1979
1705 GAT

150 14. 0

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DE C	DEB PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	POT T DE K	EX RTD GWA/KS	RH PCT	RANGE KM	AZ DEG
0.0	7.0	200.0	904.5	21.7	18.3	210.0	5.1	2.5	4.4	250.2	231.7	13.6	81.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.4	8.7	280.1	675.0	19.6	17.5	171.3	1.8	-0.3	1.6	295.1	329.0	13.0	86.5	0.2	10.
1.2	11.0	508.0	550.0	17.7	16.6	181.7	5.1	0.1	5.1	295.1	328.1	12.7	93.5	0.3	4.
2.1	13.3	736.4	625.0	15.9	15.0	201.9	6.9	2.6	6.4	295.5	326.0	11.9	95.0	0.7	7.
2.8	15.7	969.3	900.0	13.9	12.9	215.5	8.2	4.7	6.7	295.5	323.6	10.5	93.4	1.0	15.
3.8	18.1	1207.0	875.0	12.6	9.5	219.8	10.5	6.7	8.6	296.4	319.9	8.6	81.3	1.5	20.
4.7	20.5	1450.4	850.0	11.2	6.9	222.5	11.4	7.7	8.4	297.5	320.7	8.5	86.0	2.1	29.
5.6	23.0	1699.3	825.0	9.7	6.0	227.7	12.2	9.0	8.2	298.6	318.3	7.1	77.5	2.7	32.
6.4	25.5	1955.2	800.0	9.2	3.8	233.5	12.0	9.7	7.2	301.4	317.3	5.9	63.9	3.3	36.
7.4	28.0	2217.8	775.0	7.7	1.3	231.9	10.8	8.3	6.5	302.1	317.4	5.4	63.6	3.9	39.
9.5	30.6	2407.6	750.0	6.0	-1.0	229.2	9.6	7.2	6.3	303.1	316.6	4.6	60.7	4.5	48.
9.8	33.2	2764.4	725.0	4.0	-3.3	230.5	11.1	8.6	7.2	303.6	315.9	4.2	59.0	5.3	42.
10.6	35.0	3025.5	700.0	2.7	-8.1	237.0	11.1	9.3	6.0	304.8	308.3	0.6	7.9	6.0	43.
11.9	38.5	3340.6	675.0	3.4	-47.8	238.5	9.9	8.5	5.2	309.2	309.7	0.1	1.0	6.7	45.
12.1	41.2	3649.5	650.0	2.0	-48.7	238.0	9.3	8.0	4.0	311.2	311.5	0.1	1.0	7.3	46.
14.3	44.0	3986.0	625.0	-0.5	-50.3	242.4	10.6	9.4	4.9	311.0	312.1	0.1	1.0	8.0	47.
15.5	46.9	4280.6	600.0	-2.8	-51.7	242.2	12.3	10.9	5.7	312.5	313.1	0.1	1.0	8.6	49.
16.8	49.6	4624.3	575.0	-5.1	-53.9	239.6	12.5	10.8	6.3	314.0	315.3	0.4	8.3	9.8	50.
18.1	52.0	4971.2	550.0	-8.1	-46.6	242.3	13.0	11.5	6.0	316.2	316.9	0.1	2.7	10.7	51.
19.3	55.0	5338.4	525.0	-10.9	-47.6	240.2	14.7	12.0	7.3	315.3	315.6	0.1	3.0	11.7	52.
20.7	58.0	5703.0	500.0	-13.6	-48.7	236.1	14.8	12.3	8.3	316.4	316.8	0.1	3.3	12.9	52.
22.2	62.1	6091.3	475.0	-16.0	-50.0	236.2	14.6	12.1	8.1	318.4	318.6	0.0	1.7	13.3	53.
23.8	65.4	6456.2	450.0	-19.2	-47.7	236.9	14.9	12.2	8.6	319.1	319.6	0.1	6.3	15.7	53.
25.0	68.9	6916.7	425.0	-22.3	-52.2	236.9	16.2	13.6	8.6	320.4	320.4	0.1	4.7	17.3	53.
27.2	72.3	7361.7	400.0	-25.1	-51.2	236.2	16.3	13.6	9.1	322.4	322.4	0.1	6.7	19.0	54.
28.9	76.0	7827.4	375.0	-28.5	-63.0	233.7	14.7	11.8	8.7	323.6	323.6	0.0	1.8	20.5	54.
31.5	79.7	8310.7	350.0	-32.2	-70.6	239.2	15.1	13.0	7.7	325.4	325.4	0.0	1.8	21.9	54.
32.3	83.7	8837.0	325.0	-36.3	-73.3	245.2	16.6	15.0	7.0	326.8	326.7	0.0	1.0	23.6	54.
34.1	87.8	9386.0	300.0	-41.6	-69.9	252.8	16.2	15.5	4.8	328.6	329.9	99.9	99.9	25.6	55.
36.2	92.2	9969.0	275.0	-46.5	-69.9	252.4	15.0	15.2	4.8	327.5	327.5	99.9	99.9	27.3	57.
39.4	96.6	10557.0	250.0	-50.3	-69.9	265.0	15.6	15.5	1.2	331.2	331.2	99.9	99.9	29.2	58.
40.7	101.4	11276.0	225.0	-54.0	-69.9	264.0	15.3	15.2	1.6	332.7	332.7	99.9	99.9	30.9	60.
43.2	106.6	12015.1	200.0	-61.8	-69.9	225.5	24.2	17.2	16.9	334.9	334.9	99.9	99.9	33.4	60.
45.0	112.3	12833.2	175.0	-66.0	-69.9	217.3	32.7	19.8	26.0	340.4	340.4	99.9	99.9	36.6	57.
49.3	118.3	13772.2	150.0	-62.1	-69.9	217.7	29.0	15.0	20.4	343.1	343.1	99.9	99.9	40.1	55.
52.4	125.0	14904.0	125.0	-68.3	-69.9	222.5	22.0	14.8	16.2	348.4	348.4	99.9	99.9	44.6	52.
55.0	132.5	16324.4	100.0	-57.7	-69.9	999.9	99.9	99.9	99.9	416.2	416.2	99.9	99.9	54.9	52.
60.1	161.0	18130.8	75.0	-58.3	-69.9	999.9	99.9	99.9	99.9	496.5	496.5	99.9	99.9	99.9	99.9
64.1	150.0	20727.7	50.0	-54.7	-69.9	999.9	99.9	99.9	99.9	599.9	599.9	99.9	99.9	99.9	99.9
84.3	160.0	25204.7	25.0	-49.7	-69.9	999.9	99.9	99.9	99.9	641.8	641.8	99.9	99.9	99.9	99.9

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PAGE IS
OF POOR QUALITY

STATION NO. 532
 PEORIA, ILLINOIS

 25 APRIL 1979
 2005 G47

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	WX WYO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.8	200.0	982.1	22.8	17.7	200.0	6.2	2.1	5.8	297.5	332.0	13.1	73.0	0.0	0.
0.5	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	8.4	263.0	975.0	24.2	18.4	182.1	7.1	0.3	7.1	299.5	336.2	13.8	70.2	0.3	26.
1.1	10.6	490.4	950.0	20.9	15.1	192.0	8.0	1.7	7.8	298.4	329.0	11.5	69.5	0.6	17.
2.1	12.9	720.7	925.0	18.5	14.2	202.8	8.7	3.4	8.0	298.2	327.6	11.1	76.2	1.1	18.
2.9	15.2	955.4	900.0	16.2	13.7	206.5	8.7	3.9	7.8	298.2	327.6	11.1	85.6	1.5	20.
3.8	17.5	1194.0	875.0	14.0	12.8	214.7	9.3	5.3	7.7	298.3	326.8	10.7	92.7	2.0	22.
4.6	19.9	1439.1	850.0	12.3	10.7	223.6	8.2	5.7	6.0	299.0	324.8	9.6	90.1	2.4	25.
5.4	22.3	1689.6	825.0	11.2	9.4	231.8	7.4	5.8	4.6	300.5	325.0	9.0	88.3	2.8	28.
6.4	24.7	1948.6	800.0	9.6	7.7	238.9	7.6	6.4	4.2	301.4	324.1	8.3	87.6	3.1	32.
7.4	27.2	2205.9	775.0	7.7	6.0	238.7	9.1	7.8	4.7	302.1	323.1	7.6	88.7	3.6	35.
8.5	29.7	2480.2	750.0	6.5	5.1	244.5	11.8	10.7	5.1	303.7	324.3	7.4	90.7	4.2	39.
9.7	32.3	2752.1	725.0	4.6	3.5	249.3	12.6	11.8	4.5	304.6	323.7	6.8	92.3	5.1	44.
10.9	34.9	3043.7	700.0	3.3	2.2	251.5	11.8	11.2	3.7	306.1	324.4	6.5	93.0	5.8	48.
11.8	37.5	3338.0	675.0	0.8	-0.1	251.3	11.2	10.7	3.6	306.4	322.7	5.7	94.0	6.4	50.
12.7	40.2	3630.7	650.0	-1.3	-3.4	249.8	11.6	11.0	4.1	307.5	321.0	4.7	86.8	7.0	52.
13.8	42.9	3953.4	625.0	-2.1	-11.7	251.1	13.0	12.3	4.2	310.1	317.6	2.5	47.6	7.7	54.
14.9	45.7	4272.8	600.0	-4.1	-21.6	250.2	14.5	13.6	4.9	311.4	315.2	1.2	24.8	8.6	56.
16.2	48.5	4611.2	575.0	-6.4	-21.3	246.1	14.6	13.3	5.9	312.5	316.4	1.2	26.7	9.7	57.
17.4	51.4	4957.4	550.0	-8.2	-25.5	238.3	15.9	13.5	8.4	314.5	315.6	0.4	9.8	10.9	58.
18.6	54.4	5316.9	525.0	-10.8	-29.4	232.7	16.7	13.3	10.1	315.5	316.3	0.2	7.3	12.0	57.
19.8	57.4	5688.8	500.0	-13.7	-35.4	234.9	16.3	13.5	9.5	316.4	317.7	0.4	14.5	13.1	57.
21.2	62.5	6077.9	475.0	-16.0	-35.0	246.5	17.4	15.9	6.9	318.2	321.6	1.0	45.6	14.6	57.
22.6	63.8	6483.1	450.0	-19.0	-28.6	252.7	17.5	16.7	5.2	319.4	322.1	0.8	42.4	16.0	59.
24.4	67.1	6908.0	425.0	-24.4	-36.1	251.7	16.3	15.5	5.1	320.2	321.8	0.4	27.7	17.8	60.
25.2	70.4	7348.2	400.0	-24.9	-33.8	247.8	16.5	15.3	6.2	322.6	324.5	0.5	43.3	19.6	61.
27.0	74.0	7815.2	375.0	-25.1	-39.9	240.1	16.0	13.8	8.0	324.4	324.8	0.1	10.3	21.2	61.
27.5	77.7	8305.8	350.0	-32.8	-55.1	999.9	99.9	99.9	99.9	324.5	324.8	0.1	8.6	999.9	999.9
31.0	81.5	8822.6	325.0	-37.4	-63.5	999.9	99.9	99.9	99.9	325.2	325.3	0.0	4.8	999.9	999.9
57.9	98.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION AC. 532
PEORIA, ILLINOIS25 APRIL 1979
2305 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.6	200.0	980.2	22.8	17.3	169.8	8.2	-2.1	5.8	297.7	331.3	12.8	71.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	6.1	246.5	975.0	23.1	16.8	168.5	7.9	-1.6	7.8	298.4	330.9	12.3	66.6	0.2	351.
0.8	10.5	472.7	950.0	20.7	15.9	164.1	9.2	-1.9	9.0	298.2	329.3	12.1	73.9	0.4	350.
1.4	12.8	702.0	925.0	18.5	15.2	172.7	11.0	-1.4	10.9	298.2	329.6	11.9	81.1	0.8	349.
2.4	15.2	937.8	900.0	16.5	13.8	181.5	16.1	0.3	10.1	298.6	328.2	11.1	83.9	1.4	353.
3.3	17.7	1177.8	875.0	15.2	11.3	187.8	8.5	1.2	8.5	299.6	325.7	9.7	77.9	1.9	356.
4.0	20.1	1423.2	850.0	13.6	9.7	193.0	8.1	1.8	7.9	300.4	324.7	9.0	77.3	2.2	358.
4.9	22.6	1674.9	825.0	12.3	9.3	209.9	9.0	4.5	7.8	301.6	324.0	9.0	81.9	2.7	1.
5.9	25.2	1932.5	800.0	10.5	7.6	228.3	10.6	7.4	7.4	302.5	324.9	8.2	82.2	3.1	8.
6.7	27.7	2156.8	775.0	9.2	4.9	231.7	11.1	6.7	6.9	303.7	323.4	7.1	74.7	3.5	14.
7.7	30.3	2462.2	750.0	7.4	3.0	234.2	10.9	8.8	6.4	304.6	322.9	6.4	73.7	4.1	20.
8.7	33.0	2747.0	725.0	5.8	0.1	240.2	11.5	10.8	5.7	305.6	321.8	5.3	67.1	4.6	25.
9.8	35.7	3033.8	700.0	4.3	-0.6	248.2	13.0	12.0	4.8	307.3	322.1	5.2	69.7	5.2	30.
10.7	38.2	3329.3	675.0	2.3	-1.0	253.5	14.1	13.5	4.8	308.2	323.4	5.3	78.6	5.9	35.
11.8	41.0	3532.6	650.0	0.7	-5.4	251.4	14.6	13.8	4.7	309.6	321.9	4.0	63.6	6.6	40.
12.9	43.9	3746.1	625.0	-1.0	-6.5	249.7	17.3	16.2	6.0	311.3	322.6	3.8	66.4	7.5	44.
14.1	46.8	4272.6	600.0	-3.7	-7.9	248.5	18.0	17.5	6.9	311.8	322.4	3.5	72.7	8.7	48.
15.2	49.7	4657.5	575.0	-6.6	-8.8	246.6	17.8	16.6	6.5	312.3	322.6	3.4	83.9	9.9	50.
16.4	52.7	4953.2	550.0	-5.2	-10.8	246.3	16.2	14.8	6.5	313.2	319.0	1.9	53.7	11.1	52.
17.7	55.6	5312.9	525.0	-10.2	-17.5	246.3	13.9	12.8	5.6	316.6	322.0	1.8	54.7	12.2	54.
18.9	59.9	5666.7	500.0	-12.8	-19.2	248.0	12.5	11.6	4.7	317.5	322.8	1.7	58.5	13.2	54.
20.1	62.1	6076.3	475.0	-15.7	-21.0	248.2	13.7	12.0	5.1	318.6	323.4	1.5	63.6	14.1	55.
21.5	65.4	6482.4	450.0	-18.0	-23.6	247.7	16.0	14.8	6.1	320.6	324.1	1.1	51.1	15.2	56.
22.9	68.9	6886.6	425.0	-21.6	-26.4	246.4	19.4	17.8	7.8	321.3	324.2	0.9	53.6	16.7	57.
24.6	72.3	7351.3	400.0	-24.3	-33.4	243.2	20.7	18.5	9.3	323.4	325.4	0.6	42.6	18.8	58.
26.3	76.0	7817.7	375.0	-26.3	-38.5	244.0	20.6	18.5	9.0	324.1	325.4	0.4	36.6	20.9	59.
28.0	79.8	8308.6	350.0	-32.5	-45.1	243.3	20.2	18.1	9.1	325.8	325.7	0.2	26.9	23.0	59.
29.8	83.8	8826.1	325.0	-37.0	-50.2	241.2	21.3	18.6	10.2	325.7	326.2	0.1	23.7	25.2	59.
31.7	87.8	9374.2	300.0	-41.9	-59.9	236.6	19.6	16.4	10.8	326.3	999.9	99.9	99.9	27.6	59.
33.7	92.2	9957.1	275.0	-47.0	-69.9	230.5	19.2	14.6	12.2	327.2	999.9	99.9	99.9	29.8	59.
35.8	96.7	10581.0	250.0	-52.2	-69.9	223.5	22.6	15.6	16.4	328.6	999.9	99.9	99.9	32.4	58.
38.0	101.6	11256.7	225.0	-56.2	-69.9	212.7	34.9	18.9	29.4	332.3	999.9	99.9	99.9	35.6	56.
40.3	106.6	11655.9	200.0	-61.6	-69.9	217.4	46.4	26.9	35.3	335.2	999.9	99.9	99.9	40.9	53.
43.0	112.2	12814.9	175.0	-64.8	-69.9	225.4	35.1	25.0	24.6	343.8	999.9	99.9	99.9	47.4	51.
45.7	118.3	13751.9	150.0	-68.7	-69.9	224.7	28.4	17.9	18.1	358.4	999.9	99.9	99.9	52.4	51.
49.0	125.0	14878.5	125.0	-55.6	-69.9	245.4	16.4	14.9	6.8	387.8	999.9	99.9	99.9	58.1	51.
52.8	132.3	16281.4	100.0	-57.3	-69.9	257.9	11.6	11.3	2.4	417.0	999.9	99.9	99.9	90.4	52.
57.7	141.0	18101.1	75.0	-54.6	-69.9	264.7	8.5	8.5	0.8	454.4	999.9	99.9	99.9	61.8	53.
63.8	151.0	20688.4	50.0	-56.9	-69.9	300.8	9.1	7.8	-4.6	588.4	999.9	99.9	99.9	63.7	55.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 * BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 PEORIA, ILLINOIS

 26 APRIL 1979
 205 GMT

TIME MIN	CMCT	WEIGHT GPM	PRES MB	TEMP DE C	CEV PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	E POT T DE K	MX WTC CM/KG	RM PCT	RANGE KM	AZ DE
0.0	9.2	200.0	580.5	15.4	18.2	200.0	6.2	2.1	5.8	294.2	329.4	13.6	93.8	8.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.6	248.5	575.0	18.2	18.0	999.9	99.9	99.9	99.9	293.2	322.5	11.2	81.1	999.9	99.9
1.2	10.8	470.5	550.0	18.5	18.0	999.9	99.9	99.9	99.9	294.0	318.5	9.3	74.3	999.9	99.9
2.3	13.0	658.2	925.0	16.9	11.2	999.9	99.9	99.9	99.9	296.4	320.8	9.1	69.6	1.1	39.
3.3	15.3	932.0	500.0	15.9	9.9	241.0	11.3	9.9	5.5	297.4	320.9	8.5	67.3	1.5	46.
4.4	17.5	1170.9	875.0	14.5	8.2	245.7	14.9	13.5	6.1	298.4	320.1	7.8	65.6	2.4	52.
5.9	19.8	1415.5	850.0	12.7	6.5	244.3	16.3	14.6	7.0	299.2	319.2	7.2	65.9	3.8	57.
7.1	22.1	1645.3	825.0	12.1	5.8	246.8	15.2	14.0	6.0	301.4	320.8	7.0	65.3	5.0	59.
8.2	24.5	1923.4	800.0	9.8	5.4	248.8	14.5	13.5	5.2	301.2	321.0	7.1	74.2	6.0	60.
9.3	26.8	2186.5	775.0	7.5	4.9	252.9	15.1	14.4	4.4	303.5	321.4	7.1	83.7	6.9	62.
10.3	29.2	2456.4	750.0	6.1	3.6	248.2	12.8	11.9	4.8	303.2	321.6	6.6	84.0	7.8	63.
11.4	31.7	2733.7	725.0	4.0	2.3	252.1	13.4	13.1	4.2	303.6	321.4	6.3	88.6	8.6	64.
12.5	34.2	3018.6	700.0	2.2	0.8	255.6	17.5	16.9	4.4	304.9	321.4	5.8	90.8	9.6	65.
13.6	36.8	3312.1	675.0	0.5	-0.8	255.1	21.0	20.3	5.4	306.2	321.6	5.4	90.9	10.4	66.
14.7	39.3	3614.7	650.0	-1.3	-2.3	252.8	22.6	21.6	6.7	307.5	321.9	5.0	92.5	12.2	67.
15.8	42.0	3926.5	625.0	-2.0	-4.1	251.1	22.6	21.4	7.3	309.0	322.2	4.5	92.3	13.8	68.
17.1	44.6	4249.7	600.0	-4.5	-5.5	251.1	20.4	19.3	6.6	310.9	323.4	4.2	92.8	15.5	69.
18.1	47.3	4563.9	575.0	-6.7	-7.7	251.5	20.4	19.4	6.5	312.1	323.3	3.7	92.8	16.7	68.
19.0	50.1	4930.1	550.0	-6.8	-10.0	253.0	19.2	18.4	5.6	313.7	323.5	3.3	90.8	17.7	68.
20.0	53.0	5289.0	525.0	-11.6	-13.2	259.3	18.5	14.2	3.4	314.5	322.7	2.6	87.8	18.9	69.
21.3	55.9	5662.1	500.0	-13.6	-15.4	265.3	15.6	15.5	1.3	316.5	323.7	2.3	86.3	20.1	70.
22.4	58.9	6058.8	475.0	-15.8	-17.9	258.5	15.7	15.4	3.1	318.4	324.6	2.0	84.0	21.2	71.
23.7	62.0	6456.4	450.0	-18.5	-20.7	240.4	14.7	12.7	7.2	320.0	325.3	1.6	82.8	22.3	70.
24.8	65.1	6866.8	425.0	-21.3	-23.9	232.9	16.0	12.8	9.7	321.7	326.0	1.3	79.3	23.3	70.
25.1	68.4	7325.8	400.0	-24.5	-27.5	228.6	15.1	11.3	10.0	323.2	326.6	1.0	75.9	24.4	69.
26.5	71.9	7792.4	375.0	-27.9	-31.3	225.6	18.8	13.4	13.1	324.7	327.2	0.7	72.3	25.7	68.
27.2	75.3	8284.0	350.0	-32.2	-35.9	222.2	18.5	12.4	13.7	325.4	327.1	0.5	69.0	27.5	66.
30.7	79.0	8802.0	325.0	-36.5	-40.7	224.2	17.4	12.1	12.4	326.3	327.5	0.3	65.2	28.9	65.
31.9	82.8	9351.1	300.0	-41.6	99.9	222.6	16.5	11.2	12.1	326.2	327.5	0.3	65.2	28.9	65.
33.0	86.8	9934.8	275.0	-46.8	99.9	223.3	19.1	13.6	13.5	327.5	327.5	0.3	65.2	28.9	65.
34.4	91.0	10557.9	250.0	-52.2	99.9	223.8	15.7	10.9	11.3	327.6	327.6	0.3	65.2	28.9	65.
37.0	95.4	11227.5	225.0	-56.1	99.9	220.1	21.2	13.6	16.2	327.6	327.6	0.3	65.2	28.9	65.
38.5	100.2	11956.0	200.0	-64.9	99.9	219.6	34.5	22.0	26.6	329.9	329.9	0.3	65.2	28.9	65.
42.2	105.4	12754.7	175.0	-68.5	99.9	212.8	25.7	16.1	24.9	343.4	343.4	0.3	65.2	28.9	65.
45.0	111.0	13713.2	150.0	-63.5	99.9	231.8	20.8	16.3	12.8	360.6	360.6	0.3	65.2	28.9	65.
49.4	117.3	14837.5	125.0	-59.4	99.9	267.0	15.0	15.0	0.8	387.5	387.5	0.3	65.2	28.9	65.
55.1	124.5	16235.3	100.0	-57.8	99.9	278.3	7.7	7.6	-1.1	416.1	416.1	0.3	65.2	28.9	65.
62.3	133.0	18047.6	75.0	-54.5	99.9	288.8	7.7	7.3	-2.5	448.3	448.3	0.3	65.2	28.9	65.
72.4	143.0	20608.6	50.0	-55.8	99.9	314.1	5.4	3.9	-3.7	511.5	511.5	0.3	65.2	28.9	65.
89.1	155.0	25023.5	25.0	-51.2	99.9	335.3	6.6	2.8	-6.8	637.6	637.6	0.3	65.2	28.9	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 GEORGIA, ILLINOIS

 26 APRIL 1979
 532 GBT

TIME MIN	CHTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT IT DEG K	8 POT T DEG K	WIND STG CM/KS	RM PCT	RANGE AZ NM	34 648. 0
0.0	7.9	200.0	980.8	5.4	8.9	330.0	6.7	3.4	-5.0	284.1	302.9	7.4	97.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.4	249.4	975.0	9.3	8.3	337.1	10.4	4.1	-9.6	284.6	302.7	7.1	93.1	0.3	153.
1.2	10.5	444.6	950.0	7.8	7.0	339.1	13.5	4.8	-12.6	285.1	302.2	6.7	95.1	0.8	157.
2.2	12.7	686.3	925.0	10.9	9.9	221.6	12.0	7.0	-10.1	290.5	312.2	8.3	93.1	1.6	156.
3.4	15.0	915.3	900.0	10.9	7.8	293.1	11.5	10.6	-4.5	292.8	312.4	7.4	80.8	2.3	146.
4.6	17.2	1150.4	875.0	10.0	5.8	275.7	15.6	15.5	-1.5	294.2	312.0	6.6	75.2	3.1	136.
5.7	19.5	1391.8	850.0	9.6	5.9	262.2	19.5	15.4	2.7	298.3	314.9	6.9	77.6	4.0	121.
6.9	21.8	1635.5	825.0	6.4	4.5	257.2	20.5	20.0	4.5	297.8	318.1	6.4	76.4	5.2	110.
8.2	24.2	1853.6	800.0	7.2	3.4	253.3	18.9	18.1	5.4	298.6	315.7	6.1	76.8	6.5	102.
9.2	26.5	2156.7	775.0	5.7	1.9	245.0	17.3	15.7	7.3	299.5	315.7	5.7	76.6	7.5	93.
10.5	29.0	2422.7	750.0	4.3	2.2	243.0	17.1	15.3	7.8	301.2	318.0	6.0	86.1	9.7	89.
11.7	31.4	2698.6	725.0	2.6	-0.3	245.7	18.0	17.1	7.7	302.3	316.9	5.2	80.8	11.1	86.
13.0	33.9	2981.8	700.0	0.7	-1.6	241.6	18.9	16.6	9.0	302.3	317.0	4.8	83.4	13.0	82.
14.8	36.4	3276.3	675.0	0.3	-1.6	235.8	20.0	16.8	11.2	305.9	320.5	5.1	87.4	13.0	82.
16.9	39.0	3576.4	650.0	-1.3	-2.9	999.9	99.9	99.9	99.9	307.2	321.3	4.8	88.6	99.9	99.9
99.9	99.9	99.9	625.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 PEORIA, ILLINOIS

 26 APRIL 1979
 805 GMT

156 17. 0

TIME MIN	CNTLT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DEG
3.0	9.0	200.0	582.4	8.3	6.6	325.0	6.2	3.6	-5.1	282.5	298.9	6.2	89.9	0.0	0.
9.9	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
3.2	9.6	262.6	575.0	7.9	6.6	319.5	9.4	6.1	-7.1	283.1	299.3	6.3	91.2	0.2	92.
1.0	11.9	476.6	550.0	6.2	5.7	319.7	12.5	6.1	-9.5	283.5	299.1	6.1	96.5	0.6	136.
1.9	16.2	655.1	925.0	4.9	4.3	329.2	14.0	7.2	-12.0	284.3	298.9	5.7	96.2	1.4	142.
2.6	16.5	912.6	900.0	4.5	4.0	330.5	11.1	3.7	-10.5	286.2	301.1	5.7	96.2	2.1	147.
3.6	19.7	1149.6	875.0	6.2	5.7	331.9	11.6	5.4	-10.2	289.2	307.6	6.6	96.4	2.6	149.
4.4	21.0	1367.2	850.0	5.4	4.9	328.4	10.4	6.0	-8.4	291.5	309.0	6.4	96.3	3.2	149.
5.4	23.4	1631.5	825.0	5.1	1.8	308.4	7.6	6.0	-4.7	294.0	308.6	5.4	79.7	3.6	148.
6.2	25.8	1882.8	800.0	4.6	1.5	280.4	7.3	7.2	-1.3	296.1	310.7	5.3	80.0	4.0	145.
7.2	28.2	2142.2	775.0	4.9	1.9	266.4	8.5	6.5	0.5	299.1	314.8	5.7	80.5	4.2	140.
8.0	30.7	2408.8	750.0	2.4	-5.8	273.5	11.2	11.2	-0.7	299.2	308.7	3.3	54.8	4.5	135.
9.0	33.2	2681.7	725.0	0.6	-8.8	268.6	13.6	13.6	0.3	300.2	308.2	2.6	50.6	5.1	130.
10.0	35.7	2962.8	700.0	0.3	-2.0	255.9	15.3	18.8	3.7	302.9	316.3	4.7	84.5	5.7	123.
11.0	38.3	3255.7	675.0	-0.7	-1.2	247.2	17.6	18.2	6.6	304.6	319.7	5.2	85.7	6.4	116.
12.2	40.9	3556.6	650.0	-2.6	-5.1	241.3	20.4	17.9	9.8	306.1	317.8	4.0	83.0	7.3	108.
13.3	43.6	3867.5	625.0	-4.1	-7.6	236.6	21.9	16.3	12.0	307.7	318.0	3.5	76.9	8.3	100.
14.4	46.3	4186.2	600.0	-6.6	-13.4	238.1	21.5	18.3	11.4	308.2	315.4	2.3	58.3	9.4	94.
15.6	49.1	4519.7	575.0	-8.8	-17.0	241.7	22.1	19.5	10.5	309.7	315.1	1.7	51.1	10.6	90.
16.8	51.9	4862.5	550.0	-11.5	-17.6	241.6	23.2	20.5	11.1	310.5	315.9	1.7	60.3	12.2	86.
17.9	54.9	5218.0	525.0	-13.7	-19.0	236.5	23.1	19.2	12.7	311.5	317.0	1.6	64.0	13.6	83.
19.2	57.9	5587.5	500.0	-16.3	-21.6	238.5	26.5	22.5	13.6	313.2	317.5	1.4	63.5	15.3	80.
20.6	60.9	5971.7	475.0	-18.7	-22.7	235.8	28.3	23.4	15.9	314.8	319.0	1.3	70.6	17.6	77.
22.1	64.0	6374.4	450.0	-19.5	-22.9	221.0	25.2	16.5	19.0	318.2	323.2	1.3	74.0	19.7	74.
23.5	67.3	6756.7	425.0	-22.8	-26.1	211.3	23.3	12.1	19.9	319.2	323.3	1.1	74.1	21.3	70.
25.1	70.6	7232.6	400.0	-26.3	-30.4	208.4	23.6	11.3	20.9	320.6	323.4	0.8	68.3	23.0	67.
26.6	74.1	7702.2	375.0	-29.9	-34.3	204.6	25.6	10.6	23.3	322.0	324.0	0.6	65.4	24.9	63.
28.4	77.7	8198.4	350.0	-33.8	-38.2	195.5	25.8	6.6	23.9	323.2	324.6	0.4	63.9	26.8	60.
30.1	81.3	8705.2	325.0	-38.2	-42.6	190.3	26.1	4.7	25.7	324.0	325.0	0.3	62.9	28.5	56.
32.0	85.3	9258.0	300.0	-43.5	-49.9	192.3	27.3	5.8	26.7	324.1	324.1	0.9	99.9	30.9	52.
34.0	89.3	9828.4	275.0	-48.8	-59.9	195.4	30.1	8.0	29.0	324.2	324.2	0.9	99.9	33.5	48.
36.2	93.6	10447.4	250.0	-54.2	-64.2	196.8	30.8	6.9	29.4	325.4	325.4	0.9	99.9	37.0	45.
38.5	99.2	11112.3	225.0	-60.7	-69.9	200.2	37.7	13.0	35.4	325.8	325.8	0.9	99.9	41.3	42.
40.9	103.0	11836.9	200.0	-65.2	-69.9	204.2	38.7	16.2	32.9	329.5	329.5	0.9	99.9	46.5	40.
43.5	109.3	12663.2	175.0	-57.7	-69.9	228.5	24.1	18.0	16.0	334.7	334.7	0.9	99.9	51.4	39.
47.0	114.0	13633.3	150.0	-57.4	-69.9	251.2	16.0	15.1	5.2	371.2	371.2	0.9	99.9	55.3	41.
50.9	120.5	14784.4	125.0	-57.8	-69.9	246.6	9.8	8.9	3.9	390.3	390.3	0.9	99.9	57.4	42.
56.1	128.0	16190.9	100.0	-56.9	-69.9	266.1	7.4	7.4	0.5	417.6	417.6	0.9	99.9	59.7	43.
62.5	136.7	18002.2	75.0	-59.0	-69.9	275.8	8.1	8.1	-0.8	449.4	449.4	0.9	99.9	61.5	43.
71.1	147.0	20552.7	50.0	-57.9	-69.9	313.4	6.7	4.9	-4.6	507.1	507.1	0.9	99.9	63.2	46.
85.6	159.5	24981.1	25.0	-52.6	-69.9	262.9	9.8	5.0	0.6	633.8	633.8	0.9	99.9	64.9	52.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS26 APRIL 1979
1105 G47

161 12. 0

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT V DEG K	WZ STD CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	0.9	200.0	983.3	7.2	5.5	310.0	6.7	5.1	-4.3	201.7	296.5	5.0	99.9	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.7	200.0	975.0	6.9	5.2	48.4	10.5	-7.0	-7.0	282.1	296.8	5.7	99.9	0.0	0.
0.9	12.0	483.3	950.0	6.2	4.1	5.7	9.7	-1.0	-10.5	283.4	297.5	5.4	99.9	0.0	0.
1.7	14.3	701.9	925.0	5.2	3.6	319.2	13.9	9.1	-10.5	284.6	298.6	5.4	99.9	0.0	0.
2.7	16.5	928.7	900.0	4.6	3.5	335.6	11.2	4.4	-10.2	284.3	300.7	5.5	99.9	0.0	0.
3.7	18.9	1155.8	875.0	5.3	4.6	336.5	9.8	3.9	-9.0	289.3	305.3	6.1	99.9	0.0	0.
4.5	21.4	1393.3	850.0	5.6	0.2	324.8	11.0	6.4	-9.0	292.1	304.5	4.6	99.9	0.0	0.
5.5	23.8	1637.7	825.0	5.7	-2.9	317.0	10.1	6.9	-7.4	294.6	305.1	3.8	99.9	0.0	0.
6.3	26.2	1895.3	800.0	5.8	-5.7	304.8	8.5	7.0	-4.8	297.4	306.3	3.1	99.9	0.0	0.
7.2	28.7	2148.9	775.0	5.6	-6.5	999.9	99.9	99.9	99.9	299.4	300.1	0.1	99.9	0.0	0.
9.2	31.2	2418.0	750.0	3.9	-47.6	999.9	99.9	99.9	99.9	300.8	301.0	0.1	99.9	0.0	0.
9.3	33.8	2690.1	725.0	1.6	-48.9	999.9	99.9	99.9	99.9	301.3	301.5	0.1	99.9	0.0	0.
10.4	36.4	2972.0	700.0	8.3	-49.8	280.6	12.2	12.0	-2.2	302.8	303.6	0.1	99.9	0.0	0.
11.5	39.0	3242.7	675.0	-0.5	-50.3	270.3	15.5	15.5	-0.1	305.1	305.3	0.1	99.9	0.0	0.
12.7	41.9	3562.9	650.0	-2.8	-51.7	256.7	18.8	18.3	4.3	305.9	306.0	0.0	99.9	0.0	0.
13.9	44.4	3872.9	625.0	-4.2	-53.9	239.2	17.3	14.8	8.8	307.7	309.0	0.4	99.9	0.0	0.
15.0	47.3	4193.4	600.0	-6.2	-53.6	232.7	15.8	12.6	9.6	309.0	309.1	0.0	99.9	0.0	0.
16.1	50.1	4524.9	575.0	-8.2	-53.6	235.6	17.0	14.1	9.6	310.4	310.6	0.0	99.9	0.0	0.
17.5	53.0	4862.3	550.0	-10.7	-53.2	239.5	19.5	16.8	9.9	311.4	311.8	0.1	99.9	0.0	0.
19.0	55.0	5223.9	525.0	-13.0	-52.4	248.0	26.6	24.7	10.0	312.6	313.3	0.0	99.9	0.0	0.
20.2	59.0	5594.7	500.0	-14.9	-29.4	248.3	34.6	32.2	12.8	314.6	319.7	1.5	99.9	0.0	0.
21.2	62.1	5981.4	475.0	-16.2	-60.2	242.8	36.0	31.9	16.6	317.9	318.0	0.0	99.9	0.0	0.
22.8	65.3	6387.1	450.0	-17.8	-61.2	231.3	33.3	26.0	20.9	320.5	321.0	0.0	99.9	0.0	0.
24.3	68.6	6812.3	425.0	-21.2	-63.4	222.6	30.7	20.8	22.6	321.6	321.9	0.0	99.9	0.0	0.
25.8	72.0	7255.5	400.0	-25.6	-55.0	220.1	30.0	19.3	23.0	323.7	321.9	0.1	99.9	0.0	0.
27.4	74.6	7719.6	375.0	-29.5	-39.7	210.9	30.6	15.7	26.3	322.4	324.4	0.5	99.9	0.0	0.
29.1	78.2	8209.2	350.0	-32.1	-39.5	198.3	33.1	10.4	31.4	325.4	327.3	0.5	99.9	0.0	0.
30.8	83.0	8728.8	325.0	-37.2	-39.9	187.1	31.8	4.8	31.5	325.5	326.8	0.4	99.9	0.0	0.
32.7	87.0	9274.8	300.0	-41.8	99.9	183.3	34.1	1.9	34.1	326.4	326.8	0.4	99.9	0.0	0.
35.0	91.2	9827.5	275.0	-46.7	99.9	185.7	36.5	3.6	36.3	327.4	327.4	0.0	99.9	0.0	0.
37.4	95.5	10482.0	250.0	-52.1	99.9	182.6	37.4	1.7	37.4	328.2	328.2	0.0	99.9	0.0	0.
39.9	100.2	11156.6	225.0	-55.8	99.9	192.5	45.1	9.0	44.0	332.4	332.4	0.0	99.9	0.0	0.
42.5	105.2	11999.2	200.0	-58.9	99.9	214.6	39.4	22.4	32.4	342.7	342.7	0.0	99.9	0.0	0.
45.5	110.5	12750.0	175.0	-54.4	99.9	239.8	20.1	17.4	10.1	340.2	340.2	0.0	99.9	0.0	0.
49.2	118.5	13737.2	150.0	-55.9	99.9	243.7	12.6	13.3	5.6	343.6	343.6	0.0	99.9	0.0	0.
53.5	125.8	14991.1	125.0	-54.0	99.9	253.0	11.8	11.3	3.9	347.3	347.3	0.0	99.9	0.0	0.
55.9	130.3	16324.4	100.0	-55.3	99.9	261.1	8.7	8.4	1.3	350.9	350.9	0.0	99.9	0.0	0.
65.4	139.0	18155.8	75.0	-54.4	99.9	283.6	7.4	7.2	-1.7	358.8	358.8	0.0	99.9	0.0	0.
74.2	149.5	20751.5	50.0	-54.9	99.9	314.1	5.7	4.1	-0.9	364.1	364.1	0.0	99.9	0.0	0.
87.4	161.5	25249.7	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA25 APRIL 1979
1405 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX WTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.8	400.0	960.9	6.2	6.1	350.0	10.8	1.9	-10.6	282.6	298.3	6.1	99.0	0.0	0.
00.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.7	454.0	950.0	6.5	6.4	2.7	17.4	-0.8	-17.4	283.6	300.1	6.4	99.5	0.5	180.
1.1	12.9	712.5	925.0	5.1	5.1	7.0	19.6	-2.4	-19.5	284.2	299.9	6.0	100.0	1.1	182.
1.6	15.1	916.9	900.0	7.3	7.3	13.4	18.0	-4.2	-17.5	289.0	307.8	7.2	100.4	1.8	185.
2.3	17.3	1178.8	875.0	9.4	9.4	9.7	11.7	-2.0	-11.6	293.6	316.1	8.5	100.7	2.4	188.
3.0	19.6	1411.7	850.0	8.8	8.7	242.9	7.0	2.2	-7.3	295.4	317.4	8.3	99.2	2.7	187.
3.7	21.9	1658.1	825.0	8.1	6.3	304.7	7.3	6.0	-4.2	297.1	316.9	7.3	88.9	3.0	183.
4.5	24.3	1913.1	800.0	6.9	5.2	282.4	8.6	8.4	-1.8	298.2	317.9	7.0	89.4	3.1	176.
5.4	26.7	2174.0	775.0	5.6	3.6	276.1	8.5	9.5	-1.0	299.2	317.5	6.4	87.1	3.2	168.
6.3	29.0	2442.1	750.0	4.2	3.1	272.0	11.1	11.1	-0.4	301.1	318.9	6.4	93.0	3.4	159.
7.3	31.4	2717.9	725.0	2.5	2.2	264.4	13.1	13.1	1.3	302.2	319.5	6.2	97.5	3.7	149.
8.2	33.9	3001.7	700.0	1.3	0.9	250.7	13.9	13.1	0.3	303.5	320.4	5.8	97.3	4.0	139.
9.2	36.4	3294.6	675.0	0.2	-0.2	234.2	14.2	11.5	8.3	305.5	321.9	5.6	97.1	4.3	128.
10.3	39.0	3597.0	650.0	-0.9	-1.3	222.2	17.7	11.9	13.1	307.5	323.3	5.4	97.0	4.6	115.
11.2	41.6	3918.2	625.0	-2.5	-3.0	219.1	22.5	14.2	17.5	309.4	324.0	4.9	96.7	5.0	102.
12.2	44.2	4233.5	600.0	-4.5	-5.0	220.5	24.9	16.2	18.9	310.5	323.9	4.4	96.4	5.8	90.
13.4	47.0	4507.7	575.0	-6.6	-7.0	223.8	26.2	18.1	18.9	312.2	324.0	3.9	97.1	7.1	79.
14.3	49.8	4914.0	550.0	-5.3	-7.0	226.8	27.7	20.2	19.0	313.1	323.1	3.3	96.7	8.4	73.
15.6	52.6	5272.3	525.0	-12.1	-12.6	230.8	28.6	22.2	18.1	313.5	322.4	2.8	95.7	10.4	68.
17.0	55.4	5644.0	500.0	-14.8	-16.4	237.1	25.7	21.6	14.0	315.6	321.7	2.1	87.4	12.7	65.
18.3	58.4	6030.7	475.0	-17.4	-19.7	244.1	25.2	23.4	11.4	316.4	321.8	1.7	82.1	14.7	65.
19.7	61.4	6433.6	450.0	-20.6	-24.4	247.2	29.7	27.4	11.5	317.3	321.2	1.2	71.7	16.8	65.
20.5	64.6	6854.4	425.0	-23.3	-27.2	244.2	28.9	26.0	12.6	319.1	322.3	1.0	70.1	18.5	65.
21.9	67.8	7295.7	400.0	-26.2	-30.1	246.0	24.4	22.3	9.9	320.9	323.5	0.8	69.7	20.6	65.
23.2	71.1	7755.1	375.0	-29.8	-34.4	248.9	21.1	19.7	7.6	322.1	324.2	0.5	63.8	22.4	65.
24.7	74.6	8247.0	350.0	-34.0	-39.8	250.0	19.6	18.6	6.8	322.9	324.0	0.3	55.1	24.2	66.
26.1	78.2	8761.6	325.0	-38.1	-44.2	246.2	19.4	17.7	7.8	324.2	325.0	0.2	52.1	25.8	66.
27.6	82.0	9307.1	300.0	-42.9	-49.9	239.0	16.8	14.4	8.6	324.9	325.0	99.9	99.9	27.5	66.
29.1	85.9	9887.7	275.0	-47.8	-54.9	222.0	14.9	10.0	11.1	326.0	325.0	99.9	99.9	28.9	65.
31.0	90.2	10565.7	250.0	-53.6	-60.9	192.1	23.1	4.8	22.6	326.4	325.0	99.9	99.9	30.2	63.
32.8	94.5	11180.5	225.0	-58.5	-65.9	184.4	19.9	1.5	19.9	328.5	325.0	99.9	99.9	31.8	58.
34.7	99.2	11910.9	200.0	-64.5	-71.9	177.5	19.2	-0.8	19.2	330.7	325.0	99.9	99.9	32.6	55.
36.8	104.4	12721.9	175.0	-67.9	-75.9	223.7	19.3	13.4	14.0	337.8	325.0	99.9	99.9	34.5	53.
39.7	110.0	13673.2	150.0	-55.2	-69.9	263.8	13.8	13.7	1.9	375.8	325.0	99.9	99.9	37.2	54.
41.6	116.0	14633.5	125.0	-55.7	-69.9	264.8	6.3	6.3	0.6	394.2	325.0	99.9	99.9	39.1	56.
48.0	123.0	16253.8	100.0	-56.3	-69.9	274.4	4.9	4.9	-0.4	418.4	325.0	99.9	99.9	40.3	57.
54.1	131.3	18088.7	75.0	-55.9	-69.9	294.8	7.0	6.3	-2.0	455.7	325.0	99.9	99.9	41.5	59.
61.6	141.5	20462.9	50.0	-55.3	-69.9	327.9	5.5	2.9	-3.7	513.1	325.0	99.9	99.9	42.6	62.
72.9	153.5	25119.3	25.0	-51.7	-69.9	313.7	3.8	2.8	-2.7	630.1	325.0	99.9	99.9	42.9	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA25 APRIL 1979
1710 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.4	400.0	564.1	6.2	4.7	330.0	9.3	4.7	-8.1	282.3	5.4	99.9	131	53.0
0.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.4	10.6	521.2	950.0	6.0	4.1	336.4	13.0	5.2	-11.9	283.2	5.4	97.4	0.5	153.
1.3	12.7	739.0	625.0	4.0	2.8	340.4	10.2	5.4	-15.3	283.4	5.1	91.7	1.2	155.
2.2	14.8	961.5	500.0	2.8	1.0	344.4	18.4	4.9	-17.0	284.4	4.6	81.9	2.1	159.
3.1	17.1	1191.3	675.0	5.7	1.1	348.7	18.3	3.6	-18.0	289.7	4.7	72.3	3.2	161.
4.1	19.4	1428.1	650.0	4.0	0.9	359.0	15.0	0.3	-15.0	290.3	4.8	80.2	4.1	164.
5.1	21.6	1671.3	625.0	4.3	3.6	359.0	6.0	-2.2	-17.7	293.1	6.0	95.1	4.8	167.
6.0	23.6	1922.5	600.0	4.7	4.0	318.6	2.1	1.4	-1.6	296.2	6.4	95.2	5.0	169.
6.9	26.1	2181.6	775.0	4.1	3.4	247.8	4.7	4.3	1.8	298.2	6.3	95.1	4.9	168.
7.7	29.5	2448.3	750.0	2.8	2.0	257.5	8.6	6.4	1.9	299.6	5.9	94.9	5.0	164.
8.7	32.8	2722.6	725.0	1.7	1.0	267.3	14.0	14.0	0.7	301.4	5.7	94.7	5.1	157.
9.8	33.3	3005.8	700.0	0.8	0.0	268.6	17.4	17.3	1.6	303.4	5.5	94.6	5.6	147.
11.0	35.9	3298.4	675.0	0.4	-0.4	245.7	16.4	15.0	6.8	306.1	5.5	94.5	6.1	136.
12.3	39.3	3601.5	650.0	-0.4	-1.2	227.5	16.2	11.9	10.9	308.2	5.4	94.4	6.4	124.
13.8	42.9	3914.6	625.0	-2.3	-3.1	224.3	17.9	12.5	12.8	309.8	5.4	94.1	6.8	112.
15.0	43.5	4232.3	600.0	-4.6	-5.4	230.3	20.1	15.4	12.8	310.2	4.3	93.7	7.5	102.
16.2	46.2	4572.2	575.0	-7.2	-8.3	239.2	23.4	18.0	14.9	311.6	3.6	92.0	8.5	94.
17.5	48.9	4917.0	550.0	-10.2	-11.6	229.6	27.9	21.3	16.0	312.0	2.9	89.0	10.1	86.
18.7	51.8	5274.3	525.0	-12.2	-13.6	230.2	29.4	22.6	18.8	313.2	2.5	89.0	11.6	80.
19.8	54.6	5646.2	500.0	-14.4	-16.1	230.7	28.8	22.3	18.2	315.5	2.2	87.0	13.6	73.
21.0	57.6	6032.3	475.0	-17.4	-19.5	233.7	27.9	22.5	16.5	317.4	1.7	83.7	15.4	71.
22.2	60.6	6436.1	450.0	-20.5	-22.9	239.5	28.4	24.4	14.4	317.5	1.3	81.2	17.4	71.
23.6	63.8	6857.1	425.0	-23.4	-26.7	246.1	28.3	25.6	11.5	319.1	1.0	73.6	19.7	78.
25.0	67.0	7298.0	400.0	-26.2	-29.6	249.1	28.6	26.7	10.2	320.5	0.8	73.1	22.1	70.
26.6	70.4	7761.5	375.0	-30.1	-34.9	249.2	25.0	23.4	8.9	321.2	0.5	65.1	24.6	70.
28.1	73.9	8249.0	350.0	-34.0	-39.5	246.9	23.8	21.9	9.3	322.6	0.3	57.0	26.9	70.
29.8	77.4	8743.9	325.0	-38.0	-43.7	243.4	25.2	22.6	11.3	324.4	0.2	50.6	29.3	69.
31.7	81.2	9305.5	300.0	-42.8	-49.9	231.5	24.4	19.2	15.3	324.5	0.9	50.9	32.1	69.
33.6	85.1	9898.3	275.0	-47.5	-55.9	210.3	23.1	11.7	20.0	326.5	0.9	50.9	34.5	67.
35.6	89.2	10514.0	250.0	-52.4	-59.5	191.0	25.6	9.2	25.0	328.2	0.9	50.9	36.4	63.
37.7	93.6	11187.3	225.0	-57.5	-64.9	192.1	30.5	6.4	29.8	330.4	0.9	50.9	38.9	59.
40.3	98.4	11920.5	200.0	-63.6	-70.9	196.8	30.2	8.7	28.9	332.1	0.9	50.9	42.0	54.
42.9	103.4	12744.0	175.0	-67.8	-75.9	241.5	19.4	17.0	9.3	334.6	0.9	50.9	45.7	53.
46.3	108.8	13722.0	150.0	-55.7	-69.9	242.0	13.4	11.8	6.3	337.3	0.9	50.9	48.7	53.
50.1	115.0	14674.8	125.0	-57.0	-69.9	254.7	9.5	9.1	2.9	391.8	0.9	50.9	51.0	54.
54.8	122.0	16307.7	100.0	-54.9	-69.9	268.4	9.2	8.7	-2.9	421.6	0.9	50.9	53.6	54.
60.8	130.3	18155.4	75.0	-54.5	-69.9	293.9	4.2	3.9	-1.7	488.7	0.9	50.9	54.3	58.
69.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 923
OMAHA, NEBRASKA25 APRIL 1979
2005 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX MTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.5	400.0	963.8	6.2	3.7	330.0	8.2	0.1	-7.1	282.3	295.7	5.2	84.8	0.0	0.
92.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	10.6	512.5	950.0	6.0	4.0	345.3	14.3	3.6	-13.0	263.3	297.3	5.4	86.9	0.4	131.
1.1	12.8	736.4	925.0	3.7	2.3	346.0	15.8	3.8	-13.3	283.1	295.9	4.9	90.4	1.0	161.
1.8	15.0	958.9	900.0	3.3	0.3	333.0	16.8	4.7	-15.3	285.0	296.5	4.4	80.4	1.7	163.
2.6	17.3	1168.1	875.0	4.4	-0.5	336.6	16.2	6.9	-14.6	288.4	299.7	4.2	70.3	2.4	162.
3.4	19.5	1424.5	850.0	3.8	3.8	330.7	16.0	8.1	-15.5	290.2	305.1	5.6	94.7	3.2	159.
4.2	21.7	1667.0	825.0	2.8	2.8	331.6	14.8	6.7	-12.3	291.6	306.8	5.7	99.7	3.9	157.
5.0	24.0	1915.9	800.0	1.7	1.6	332.5	10.7	4.9	-9.5	293.0	307.5	5.4	99.3	4.6	157.
5.9	26.4	2172.1	775.0	0.7	0.6	331.6	8.5	5.3	-6.6	294.6	308.7	5.2	99.3	5.1	156.
6.9	29.8	2435.6	750.0	0.4	0.3	288.8	6.8	6.4	-2.2	297.0	311.4	5.2	99.3	5.5	156.
7.9	31.2	2708.0	725.0	0.1	-0.0	259.8	8.9	8.7	1.6	299.6	314.3	5.3	99.2	5.6	150.
9.7	33.6	2989.6	700.0	-0.2	-0.4	250.8	12.9	12.2	8.0	302.2	317.3	5.3	99.2	5.8	145.
9.6	36.1	3281.1	675.0	-0.4	-0.6	242.4	17.2	15.2	0.0	307.2	322.2	5.2	99.0	6.4	127.
17.7	39.7	3583.0	650.0	-1.6	-1.7	238.5	22.4	19.4	10.7	307.2	322.2	5.2	99.0	6.4	127.
11.6	41.2	3854.5	625.0	-3.8	-3.9	236.5	22.8	19.0	12.5	308.2	321.5	4.6	98.6	6.9	118.
12.6	43.9	4216.4	600.0	-5.3	-5.5	234.9	22.2	19.8	13.9	310.0	322.5	4.2	99.4	7.6	108.
13.8	45.6	4569.2	575.0	-8.1	-8.9	230.5	24.8	19.1	15.8	310.5	320.7	3.4	93.7	8.8	99.
14.9	49.3	4892.3	550.0	-10.9	-13.6	229.7	27.7	21.1	17.9	311.2	318.7	2.5	80.9	10.0	91.
15.9	52.2	5245.4	525.0	-12.7	-19.8	227.3	31.3	23.0	21.2	313.2	318.0	1.5	55.6	11.3	85.
16.9	55.1	5615.6	500.0	-15.7	-27.4	225.4	35.8	25.4	21.8	314.6	316.6	0.8	35.5	13.0	80.
14.2	58.1	6004.4	475.0	-18.9	-39.5	234.4	33.8	27.4	19.7	314.2	315.4	0.3	14.4	15.4	75.
13.5	61.1	6404.5	450.0	-22.3	-51.0	236.5	32.2	26.9	17.8	315.2	315.5	0.1	5.3	17.9	72.
20.8	64.3	6822.0	425.0	-25.5	-49.0	238.7	32.1	27.4	16.7	316.	316.7	0.1	9.0	20.2	71.
21.0	67.5	7259.2	400.0	-28.6	-42.8	238.8	34.4	27.4	17.8	317	316.6	0.2	24.1	22.6	69.
23.3	70.9	7712.7	375.0	-31.4	-38.7	238.0	34.6	29.4	18.3	320.1	321.3	0.4	48.2	25.3	68.
24.7	74.4	8203.6	350.0	-35.4	-43.8	236.9	34.4	28.0	18.8	321.0	321.8	0.2	41.5	28.0	67.
26.0	78.0	8714.9	325.0	-39.6	-47.9	237.1	35.3	29.6	19.2	322.2	322.7	0.1	40.3	30.7	66.
27.5	81.7	9257.4	300.0	-44.6	-59.9	236.5	38.6	32.2	21.3	322.2	322.2	99.9	99.9	34.0	65.
24.1	95.7	9834.6	275.0	-48.4	-64.4	236.7	38.0	28.4	18.6	325.2	322.2	99.9	99.9	37.5	65.
30.7	89.8	10455.8	250.0	-52.3	-68.3	235.2	29.1	20.7	20.5	328.4	322.2	99.9	99.9	40.5	64.
32.5	94.2	11128.2	225.0	-58.0	-74.9	237.8	27.3	16.7	21.5	329.8	322.2	99.9	99.9	43.2	62.
34.4	99.0	11861.0	200.0	-62.1	-78.9	239.8	31.9	20.1	20.9	334.2	322.2	99.9	99.9	46.3	61.
36.5	104.2	12702.7	175.0	-63.3	-83.3	236.4	28.0	19.4	4.7	361.5	322.2	99.9	99.9	49.8	61.
38.9	109.6	13692.0	150.0	-56.1	-78.9	250.7	15.1	14.3	5.0	373.4	322.2	99.9	99.9	51.8	61.
41.8	115.8	14853.9	125.0	-55.5	-78.9	252.1	14.6	13.8	1.9	394.6	322.2	99.9	99.9	54.7	62.
45.5	122.7	16279.2	100.0	-53.6	-78.9	251.3	7.7	7.2	-2.8	424.2	322.2	99.9	99.9	56.5	63.
50.2	131.0	18115.4	75.0	-55.4	-83.6	278.5	7.4	7.3	-1.1	458.2	322.2	99.9	99.9	57.8	64.
56.3	141.0	20713.0	50.0	-55.1	-83.6	282.9	5.0	4.9	-1.1	513.7	322.2	99.9	99.9	59.5	65.
66.2	154.5	25176.9	25.0	-58.2	-83.6	289.7	5.6	2.8	4.9	649.6	322.2	99.9	99.9	61.6	67.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

25 APRIL 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KS	RM PCV	RANGE KM	AZ DEG
0.0	9.4	400.0	964.3	7.6	4.6	330.0	7.2	3.6	-6.2	283.7	298.0	5.5	31.0	0.0	0.
99.9	99.9	99.9	1000.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	10.6	523.1	950.0	4.2	3.4	336.1	11.1	4.5	-10.1	283.6	297.0	5.2	81.5	0.4	152.
1.6	12.9	741.2	925.0	4.2	2.5	335.7	12.7	5.2	-11.6	283.7	296.6	5.0	88.4	1.0	155.
2.2	15.0	943.5	900.0	2.0	1.1	332.8	15.1	6.9	-13.4	283.6	295.6	4.6	93.2	1.6	155.
2.9	17.2	1190.8	875.0	0.6	0.0	330.2	17.2	8.5	-14.9	284.4	296.0	4.4	96.3	2.3	150.
3.5	19.4	1423.3	850.0	0.1	-0.5	322.0	19.4	9.1	-11.6	286.2	297.9	4.4	96.2	3.0	153.
4.5	21.6	1644.4	825.0	2.4	-0.3	310.1	21.6	9.3	-7.9	291.2	303.5	4.5	82.2	3.6	149.
5.3	23.9	1913.0	803.0	1.6	-7.6	307.0	23.9	9.7	-7.3	292.8	300.5	2.7	50.5	4.2	146.
6.1	26.2	2165.3	775.0	2.3	-17.5	299.9	26.2	9.5	-8.5	296.3	300.1	1.3	21.7	4.7	144.
7.0	29.5	2432.7	750.0	1.1	-15.3	296.0	29.5	10.6	-5.2	297.8	302.4	1.0	28.2	5.3	141.
7.9	30.9	2705.1	725.0	-1.3	-12.7	297.0	30.9	11.1	-5.7	298.1	303.9	2.0	41.4	5.9	138.
8.9	33.4	2984.2	700.0	-2.9	-7.3	294.6	33.4	9.0	-4.1	299.3	308.4	3.2	71.4	6.5	136.
9.8	35.9	3271.5	675.0	-4.0	-9.3	292.0	35.9	9.3	-3.8	300.2	308.4	2.0	71.1	7.0	134.
10.7	39.4	3567.6	650.0	-6.6	-12.7	293.3	39.4	11.1	-2.6	301.2	308.1	2.2	61.8	7.5	132.
11.7	40.9	3872.1	625.0	-8.4	-15.5	288.9	40.9	14.2	0.3	302.8	308.3	1.0	56.7	8.1	129.
12.7	43.6	4169.0	600.0	-9.1	-22.8	280.2	43.6	15.7	3.4	305.7	308.9	1.0	32.0	8.9	126.
13.8	46.2	4517.8	575.0	-11.3	-24.3	255.6	46.2	23.6	6.0	306.8	309.8	0.9	33.2	9.9	118.
14.9	49.0	4857.4	550.0	-13.9	-26.5	248.6	49.0	28.8	0.9	307.6	313.4	1.9	80.7	11.1	112.
16.0	51.8	5205.5	525.0	-16.6	-24.7	244.7	51.8	28.0	11.3	306.5	311.7	1.0	49.8	12.3	107.
17.2	54.7	5575.4	500.0	-17.9	-28.9	237.0	54.7	27.0	17.5	311.3	313.5	0.7	37.9	13.9	101.
18.2	57.6	5958.0	475.0	-19.5	-33.4	222.5	57.6	22.5	24.5	313.2	315.5	0.5	28.5	15.2	94.
19.3	60.6	6357.3	450.0	-22.4	-41.3	224.9	59.3	24.9	25.0	315.1	315.9	0.2	16.0	16.7	88.
20.7	63.0	6774.6	425.0	-25.9	-32.2	229.1	60.2	28.9	25.0	315.2	317.9	0.6	55.3	19.0	82.
21.9	65.9	7211.3	400.0	-28.8	-32.8	228.1	60.2	29.9	26.9	317.2	319.5	0.6	68.1	21.7	78.
23.6	70.3	7669.7	375.0	-32.9	-36.8	225.6	60.9	29.3	26.6	318.1	319.6	0.4	67.7	25.1	73.
25.2	73.7	8151.2	350.0	-37.2	-41.6	229.4	60.9	33.5	26.7	319.8	319.6	0.3	63.4	28.7	67.
26.8	77.3	8659.1	325.0	-41.2	99.9	233.1	60.9	37.8	26.3	319.9	999.9	99.9	999.9	33.2	61.
28.7	81.0	9197.0	300.0	-45.4	99.9	233.9	60.9	36.6	26.7	321.3	999.9	99.9	999.9	38.1	65.
30.6	85.0	9771.6	275.0	-50.6	99.9	235.6	60.9	39.1	26.7	322.0	999.9	99.9	999.9	43.4	64.
32.6	89.2	10368.5	250.0	-54.3	99.9	236.7	60.9	38.7	23.5	325.0	999.9	99.9	999.9	48.7	63.
34.7	93.5	11063.1	225.0	-52.9	99.9	242.4	60.9	31.7	15.5	337.8	999.9	99.9	999.9	53.8	63.
37.0	98.2	11824.9	200.0	-51.5	99.9	239.8	60.9	21.5	12.5	351.2	999.9	99.9	999.9	57.7	63.
39.7	103.2	12684.1	175.0	-55.9	99.9	242.0	60.9	19.0	10.1	357.0	999.9	99.9	999.9	61.7	62.
42.6	108.8	13671.4	150.0	-55.0	99.9	199.3	183.1	-34.1	179.5	394.4	999.9	99.9	999.9	64.5	63.
46.2	115.0	14533.6	125.0	-55.6	99.9	225.6	282.3	201.0	197.5	394.4	999.9	99.9	999.9	64.5	63.
50.5	122.0	16261.8	100.0	-53.8	99.9	309.3	6.5	5.0	-4.1	423.6	999.9	99.9	999.9	70.1	64.
55.9	130.3	18052.5	75.0	-55.9	99.9	290.9	7.5	7.0	-2.0	455.9	999.9	99.9	999.9	70.9	65.
63.1	140.5	20076.2	50.0	-54.6	99.9	288.5	6.3	6.0	-2.0	514.8	999.9	99.9	999.9	72.9	67.
74.3	156.0	25181.4	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.3	999.9	99.9	999.9	74.8	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 CHANNA, NEBRASKA

 26 APRIL 1979
 205 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POP T DEG K	E POT T DEG K	HI ATG CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.7	400.0	965.3	5.4	2.2	330.0	5.1	2.6	-4.4	293.5	293.5	9.7	80.0	0.0	0.
0.0	99.9	55.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	11.0	531.0	950.0	6.5	1.0	349.3	12.0	2.2	-11.8	295.0	295.0	4.6	71.7	0.3	167.
1.0	13.3	749.4	925.0	4.7	0.1	347.8	11.0	2.6	-11.3	295.1	295.1	4.2	71.9	0.7	168.
1.0	13.3	972.2	900.0	2.0	-0.2	340.9	13.1	4.3	-12.4	295.5	295.5	4.2	81.0	1.3	167.
1.9	15.5	1195.0	875.0	1.1	-0.4	330.6	15.4	6.6	-13.9	296.2	296.2	4.2	89.5	1.9	164.
2.6	17.8	1432.5	850.0	-0.9	-1.8	333.0	17.3	7.9	-15.4	295.7	295.7	3.9	93.2	2.6	161.
3.5	20.1	1670.0	825.0	-1.2	-6.1	335.3	17.7	7.7	-16.0	295.5	295.5	3.0	70.3	3.7	159.
4.4	22.5	1917.4	800.0	0.8	-10.7	328.1	15.8	8.3	-13.4	298.1	298.1	2.1	41.7	4.6	158.
5.2	24.8	2173.1	775.0	2.1	-13.9	312.1	13.4	9.9	-9.8	296.1	296.1	1.7	29.4	5.3	155.
6.1	27.3	2437.0	750.0	0.7	-16.5	308.1	12.9	11.1	-6.5	297.3	297.3	1.4	26.5	5.9	152.
7.0	29.6	2702.7	725.0	-0.1	-20.3	299.2	14.1	12.3	-4.9	301.6	301.6	0.7	14.1	6.6	148.
7.9	32.1	2968.3	700.0	-2.3	-27.4	295.3	16.0	13.4	-7.3	301.7	301.7	0.6	12.5	7.3	145.
8.8	34.6	3272.4	675.0	-4.7	-26.3	285.7	14.0	13.4	-8.2	302.5	302.5	0.7	16.5	8.1	142.
9.7	37.1	3571.0	650.0	-6.9	-30.1	285.7	14.0	13.4	-3.4	302.7	302.7	0.5	13.6	8.9	139.
10.6	39.7	3874.0	625.0	-9.0	-33.8	283.1	15.0	14.6	-3.4	303.3	303.3	0.3	11.3	9.0	136.
11.5	42.3	4198.0	600.0	-11.6	-36.1	273.8	15.2	14.9	-2.9	303.6	303.6	0.3	13.4	10.6	133.
12.4	44.9	4514.0	575.0	-14.0	-38.1	263.5	16.5	16.5	-1.3	304.6	304.6	0.2	11.7	13.4	122.
13.3	47.9	4858.5	550.0	-16.9	-40.6	260.4	16.3	16.3	2.8	304.6	304.6	0.1	10.5	14.5	119.
14.2	50.6	5197.9	525.0	-19.7	-43.4	265.0	20.4	20.4	1.8	305.4	305.4	0.1	13.6	15.9	116.
15.1	53.3	5537.9	500.0	-22.5	-45.8	255.5	30.4	29.7	2.7	306.4	306.4	0.1	13.6	17.7	112.
16.0	56.3	5922.1	475.0	-25.5	-48.2	255.5	35.3	30.8	17.2	311.1	312.7	0.5	15.2	19.8	106.
16.9	59.3	6322.6	450.0	-28.4	-50.6	240.9	37.6	26.8	26.4	314.6	314.6	0.5	15.2	21.9	99.
17.8	62.3	6732.4	425.0	-31.2	-53.5	225.5	45.4	27.2	32.9	318.8	318.8	0.4	15.2	23.8	92.
18.7	65.4	7162.0	400.0	-34.0	-56.1	223.5	45.4	31.2	32.9	318.8	318.8	0.1	15.2	26.4	86.
19.6	68.7	7615.2	375.0	-36.7	-58.1	223.5	47.6	34.1	33.2	321.7	321.7	99.9	99.9	30.2	80.
20.5	72.0	8094.0	350.0	-39.3	-59.9	225.0	50.1	37.3	33.5	323.6	323.6	99.9	99.9	34.6	75.
21.4	75.6	8602.7	325.0	-43.7	-59.9	230.3	46.9	36.1	30.9	327.2	327.2	99.9	99.9	38.1	72.
22.3	79.1	9145.4	300.0	-46.0	-59.9	238.2	42.3	35.9	22.3	325.2	325.2	99.9	99.9	44.1	70.
23.2	82.9	9725.0	275.0	-48.3	-59.9	247.7	35.6	32.9	13.5	341.9	341.9	99.9	99.9	49.7	69.
24.1	86.8	10353.5	250.0	-50.8	-59.9	244.4	20.7	18.7	8.9	353.2	353.2	99.9	99.9	53.9	69.
25.0	90.9	11043.1	225.0	-50.1	-59.9	244.4	17.5	14.0	10.4	364.0	364.0	99.9	99.9	59.6	68.
25.9	95.3	11811.9	200.0	-52.0	-59.9	248.5	15.9	14.8	5.9	376.0	376.0	99.9	99.9	64.1	69.
26.8	100.0	12681.6	175.0	-54.6	-59.9	271.0	13.1	15.1	-0.3	397.7	397.7	99.9	99.9	66.4	70.
27.7	105.0	13678.1	150.0	-53.7	-59.9	262.3	7.3	7.3	0.7	421.6	421.6	99.9	99.9	68.9	70.
28.6	110.5	14607.2	125.0	-54.9	-59.9	292.0	7.4	6.8	-2.9	453.4	453.4	99.9	99.9	71.2	72.
29.5	116.8	16273.2	100.0	-56.1	-59.9	286.9	7.1	6.8	-2.1	513.2	513.2	99.9	99.9	999.9	999.9
30.4	123.3	18048.1	75.0	-54.9	-59.9	286.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	131.5	20679.1	50.0	-54.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.2	141.0	99.9	25.0	-55.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NEBRASKA

 26 APRIL 1979
 507 607

TIME MIN	CHYCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	RIX RTD CHARG	RM PCT	RANGE KM	AZ DEG
0.0	9.5	908.0	965.6	2.8	1.6	280.0	2.1	2.0	0.7	278.7	272.2	4.5	92.0	0.0	0.
05.9	99.9	59.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.0	533.3	550.0	0.4	0.6	99.9	99.9	99.9	99.9	283.7	294.7	4.2	44.6	99.9	99.9
1.2	13.0	731.8	925.0	5.5	-0.7	99.9	99.9	99.9	99.9	284.9	295.3	3.9	64.2	99.9	99.9
2.0	15.3	975.6	900.0	4.2	-1.9	99.9	99.9	99.9	99.9	285.8	295.8	3.7	64.3	1.2	162.
3.5	19.7	1204.0	875.0	3.7	-2.1	342.5	16.0	5.1	-16.0	287.7	297.8	3.8	65.7	1.9	164.
3.7	19.7	1439.7	850.0	2.3	-2.6	339.5	18.2	6.4	-17.1	288.5	298.6	3.7	70.1	2.7	162.
4.4	22.0	1680.3	825.0	0.7	-5.1	342.3	18.1	5.5	-17.3	289.3	298.8	3.2	85.0	3.7	162.
5.1	24.3	1927.1	800.0	-0.6	-7.3	344.0	17.9	4.9	-17.2	289.6	298.2	2.8	89.1	4.5	162.
5.8	26.6	2180.3	775.0	-2.3	-9.6	345.2	16.2	4.6	-17.6	291.4	298.1	2.4	57.3	5.4	163.
6.8	29.9	2439.7	750.0	-6.3	-11.2	339.5	15.3	5.4	-14.4	293.9	298.0	2.2	58.4	6.3	163.
7.7	31.6	2786.6	725.0	-4.9	-24.2	316.4	12.4	8.6	-9.0	294.1	296.4	0.8	28.7	6.9	162.
8.5	33.0	2982.0	700.0	-5.5	-19.9	304.9	14.0	11.5	-8.0	296.4	300.8	0.8	40.5	7.5	159.
9.5	36.3	3266.6	675.0	-7.1	-16.5	300.6	15.1	13.0	-7.7	297.7	302.3	1.6	46.9	8.2	155.
10.4	39.9	3559.0	650.0	-5.0	-16.4	294.5	15.1	13.7	-6.2	298.8	303.7	1.6	54.9	8.8	152.
11.4	41.4	3862.0	625.0	-10.6	-18.9	282.8	14.8	14.4	-3.3	300.4	304.5	1.4	50.3	9.5	148.
12.3	44.1	4175.8	600.0	-12.0	-22.5	279.1	13.3	15.1	-2.4	301.3	304.5	1.0	43.8	10.1	145.
13.4	46.8	4498.2	575.0	-15.4	-26.2	281.4	15.6	15.2	-3.1	302.0	304.5	0.8	38.7	10.8	141.
14.5	49.4	4832.3	550.0	-18.0	-24.9	284.6	15.7	15.2	-4.0	302.8	305.7	0.9	54.6	11.7	139.
15.7	52.3	5175.6	525.0	-20.3	-37.3	288.7	15.8	14.9	-5.1	304.1	306.5	0.8	53.2	12.6	135.
16.9	55.1	5538.5	500.0	-23.6	-31.3	290.8	15.2	14.2	-5.4	304.3	306.1	0.6	48.7	13.6	133.
17.1	59.1	5911.6	475.0	-25.8	-35.2	292.9	14.3	13.2	-5.6	305.1	306.4	0.4	44.2	14.7	132.
17.4	61.1	6255.7	450.0	-28.0	-41.0	300.9	13.4	11.5	-6.9	305.8	306.4	0.2	32.3	15.7	131.
20.7	64.3	6704.6	425.0	-33.3	-46.1	311.8	13.1	9.8	-8.7	306.3	306.9	0.2	32.7	16.7	130.
22.2	67.4	7127.1	400.0	-36.9	-46.7	309.1	13.5	10.5	-8.5	307.0	307.5	0.1	35.2	17.8	131.
23.4	70.6	7571.0	375.0	-39.2	-44.2	291.1	13.7	12.7	-4.9	309.7	309.9	0.1	18.5	19.2	130.
25.3	74.3	8043.0	350.0	-40.3	-59.9	268.9	14.6	14.6	0.3	314.4	99.9	99.9	99.9	20.3	128.
26.9	77.9	8548.6	325.0	-41.5	99.9	250.9	16.0	15.1	5.3	319.4	99.9	99.9	99.9	21.2	125.
28.7	81.6	9087.2	300.0	-43.9	99.9	250.3	17.7	16.6	6.0	323.6	99.9	99.9	99.9	22.3	121.
30.7	85.5	9665.5	275.0	-45.7	99.9	246.5	22.3	20.4	8.1	329.1	99.9	99.9	99.9	23.7	117.
32.0	89.7	10308.4	250.0	-48.0	99.9	246.2	22.3	20.4	9.0	333.2	99.9	99.9	99.9	25.3	112.
35.0	94.0	10990.6	225.0	-45.1	59.9	250.7	22.3	21.1	7.4	343.3	99.9	99.9	99.9	27.8	108.
37.6	98.8	11764.8	200.0	-42.7	99.9	250.9	18.0	17.7	6.1	355.8	99.9	99.9	99.9	30.4	104.
40.3	104.0	12537.2	175.0	-52.4	99.9	249.0	15.4	14.4	5.5	363.4	99.9	99.9	99.9	32.4	102.
43.1	109.5	13228.5	150.0	-54.9	99.9	250.3	17.3	16.3	5.5	375.2	99.9	99.9	99.9	35.0	97.
47.1	115.8	14794.6	125.0	-54.5	99.9	271.9	16.3	16.3	-0.5	384.2	99.9	99.9	99.9	38.8	97.
51.2	122.0	16221.0	100.0	-54.6	99.9	258.5	10.4	10.2	2.1	391.3	99.9	99.9	99.9	41.6	96.
56.5	131.0	18059.9	75.0	-55.0	99.9	298.1	7.3	6.5	-3.9	397.3	99.9	99.9	99.9	44.3	97.
63.6	141.0	20024.6	50.0	-57.6	99.9	295.9	5.8	5.2	-2.5	397.3	99.9	99.9	99.9	46.4	97.
75.4	153.0	25045.8	25.0	-83.2	99.9	279.2	2.9	2.9	-0.8	397.3	99.9	99.9	99.9	48.1	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953
CHANA, NEBRASKA26 APRIL 1979
006 GMT

TIME MIN	CUTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIA DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTD G/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.3	400.0	965.5	2.1	0.0	250.0	2.6	2.4	0.0	270.0	280.9	4.2	92.0	0.0	0.0
50.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	532.7	950.0	7.2	1.3	327.4	7.0	3.0	-0.9	204.2	200.2	4.3	66.5	0.2	100.
1.3	12.0	752.3	925.0	6.9	-0.4	326.2	8.5	4.7	-7.1	204.4	207.1	4.0	59.6	0.5	130.
2.1	15.0	977.4	900.0	6.3	-1.0	325.5	10.9	6.2	-9.0	200.0	200.7	4.2	59.7	1.0	139.
2.9	17.3	1207.9	875.0	4.4	-1.4	322.4	11.9	5.5	-10.6	200.4	200.0	4.0	60.0	1.5	143.
3.8	19.5	1443.3	850.0	2.4	-3.7	337.3	13.0	5.0	-12.0	200.7	200.6	3.4	64.1	2.1	146.
4.5	21.0	1604.1	825.0	0.9	-6.4	339.2	15.1	5.4	-14.1	200.6	200.6	2.9	57.9	2.6	149.
5.3	24.1	1938.7	800.0	-0.9	-6.7	335.9	15.9	6.5	-14.5	200.2	200.3	2.9	57.9	3.0	151.
6.2	26.5	2163.5	775.0	-2.4	-6.4	333.6	19.0	6.7	-13.4	201.1	200.9	2.6	64.2	4.3	152.
7.1	28.0	2402.9	750.0	-4.5	-9.1	334.2	19.2	6.6	-13.7	201.7	200.9	2.6	70.0	5.1	152.
8.0	31.0	2700.2	725.0	-6.1	-13.4	330.5	14.3	7.2	-12.7	202.7	200.1	1.9	74.2	5.9	152.
9.0	33.6	2983.1	700.0	-7.9	-18.3	321.3	14.0	9.0	-11.2	203.8	200.4	1.7	74.2	6.7	152.
10.0	36.1	3263.3	675.0	-9.8	-20.0	304.5	14.6	12.1	-8.3	203.8	200.1	1.2	74.2	7.4	150.
11.0	39.7	3557.1	650.0	-10.1	-24.2	292.7	16.3	15.0	-6.3	207.0	200.1	0.8	30.2	8.3	146.
11.9	41.2	3858.3	625.0	-12.0	-25.3	293.2	17.4	16.2	-6.9	200.7	201.1	0.8	31.0	9.1	142.
13.0	43.9	4165.0	600.0	-12.7	-37.3	295.0	17.7	16.0	-7.9	201.4	202.3	0.3	11.4	10.2	139.
14.2	46.6	4494.7	575.0	-13.4	-29.5	299.4	16.7	14.5	-8.2	204.3	206.2	0.6	25.0	11.3	137.
15.3	49.3	4831.3	550.0	-16.0	-23.0	306.1	16.6	15.9	-11.0	205.2	208.3	1.0	50.4	12.5	136.
16.4	52.1	5100.0	525.0	-18.4	-27.4	304.4	19.3	18.9	-10.9	206.1	208.5	0.8	45.5	13.9	135.
17.4	55.0	5342.0	500.0	-21.3	-31.6	304.6	16.5	13.4	-9.4	207.1	208.9	0.5	30.0	15.1	134.
18.8	57.9	5612.9	475.0	-23.0	-30.4	307.9	17.0	13.4	-10.5	208.3	210.6	0.6	54.5	16.3	133.
20.2	60.9	6311.2	450.0	-27.1	-33.0	311.4	19.3	14.5	-12.0	209.3	211.0	0.5	56.6	17.7	133.
21.5	64.0	6728.6	425.0	-30.2	-35.1	314.0	18.1	13.0	-12.6	210.2	211.0	0.4	62.4	19.2	133.
22.0	67.3	7108.4	400.0	-33.5	-40.1	318.7	15.9	10.5	-11.9	211.4	212.4	0.3	51.0	20.7	133.
24.0	70.6	7599.3	375.0	-36.8	-42.1	330.7	16.3	8.0	-16.2	212.5	213.7	0.2	57.5	22.2	134.
26.3	74.0	8073.4	350.0	-35.0	99.9	341.6	17.0	5.6	-16.7	215.0	999.9	99.9	999.9	23.0	135.
27.0	77.6	8575.5	325.0	-43.0	99.9	344.2	19.7	5.4	-19.0	216.3	999.9	99.9	999.9	25.4	137.
29.5	81.3	9166.3	300.0	-47.5	99.9	346.5	17.9	7.1	-16.4	218.3	999.9	99.9	999.9	27.1	139.
31.6	85.3	9681.1	275.0	-49.0	99.9	360.0	13.7	10.0	-8.4	224.3	999.9	99.9	999.9	28.9	140.
33.7	89.4	10307.2	250.0	-48.2	99.9	279.5	14.2	14.0	-2.4	234.4	999.9	99.9	999.9	30.5	138.
34.0	93.0	10992.1	225.0	-50.8	99.9	265.7	15.2	18.2	1.1	240.7	999.9	99.9	999.9	31.9	135.
34.7	98.4	11767.0	200.0	-45.0	99.9	265.4	16.7	16.7	1.3	255.2	999.9	99.9	999.9	33.7	132.
41.3	103.5	12639.4	175.0	-51.9	99.9	253.3	14.4	13.0	4.1	260.2	999.9	99.9	999.9	35.2	129.
46.8	109.0	13634.2	150.0	-53.6	99.9	257.2	10.4	17.0	0.1	277.7	999.9	99.9	999.9	37.4	125.
48.7	115.3	14001.0	125.0	-52.4	99.9	274.0	17.4	17.3	-1.0	299.5	999.9	99.9	999.9	40.9	120.
51.2	122.0	14234.3	100.0	-54.6	99.9	282.6	10.6	10.4	-7.3	422.3	999.9	99.9	999.9	43.9	116.
59.1	130.3	16072.2	75.0	-57.1	99.9	299.2	5.5	4.0	-1.7	433.4	999.9	99.9	999.9	46.4	110.
64.0	140.5	20046.2	50.0	-54.7	99.9	286.1	4.2	4.1	-1.2	510.2	999.9	99.9	999.9	48.0	110.
74.0	152.5	26077.2	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	630.9	999.9	99.9	999.9	52.1	117.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OHAMA, NEBRASKA

 26 APRIL 1979
 1107 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.8	408.0	965.5	8.6	-0.5	250.0	2.1	2.0	0.7	276.8	286.3	3.8	92.0	0.0	0.
9.9	99.9	99.9	1000.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
6.6	11.2	532.2	950.0	6.2	1.8	999.9	99.9	99.9	99.9	283.5	295.5	4.6	99.9	999.9	999.9
1.4	13.5	752.5	925.0	8.2	-1.4	999.9	99.9	99.9	99.9	287.7	297.8	3.7	50.8	999.9	999.9
2.4	15.9	678.0	900.0	6.0	-2.3	332.3	8.7	4.0	-7.7	287.7	297.4	3.6	55.2	1.1	140.
3.2	18.2	1208.1	875.0	4.4	-5.3	328.9	10.8	5.6	-9.2	298.4	298.5	2.9	49.2	1.6	143.
4.0	20.6	1443.7	850.0	2.8	-6.5	327.3	12.4	6.7	-10.4	289.1	298.0	3.2	58.5	2.2	146.
4.9	23.1	1684.5	825.0	0.8	-5.7	322.6	14.4	8.7	-11.4	289.4	297.8	3.0	62.0	2.9	145.
5.4	25.6	1931.0	800.0	-1.1	-6.1	321.6	15.1	9.3	-11.8	290.0	298.4	3.0	66.4	3.7	147.
6.8	28.1	2163.4	775.0	-3.5	-6.3	325.7	17.1	9.6	-14.1	290.0	298.5	3.1	80.7	4.6	145.
7.7	30.6	2442.0	750.0	-5.6	-7.1	329.6	18.3	9.3	-15.8	290.5	298.9	3.0	89.1	5.6	145.
8.6	31.2	2702.2	725.0	-7.0	-12.4	326.4	16.8	9.3	-14.0	291.8	297.7	2.0	65.3	6.7	145.
9.8	35.9	2980.3	700.0	-8.5	-15.5	323.0	16.4	9.7	-13.2	293.1	297.9	1.6	56.9	7.7	145.
10.7	38.6	3261.4	675.0	-10.5	-17.5	323.0	16.5	9.9	-13.2	293.9	298.1	1.4	56.4	8.6	145.
11.7	41.3	3551.6	650.0	-11.4	-18.0	320.2	16.8	10.7	-12.9	296.1	300.1	1.3	53.8	9.7	145.
12.9	44.1	3851.5	625.0	-12.6	-18.6	313.6	17.1	12.4	-11.8	297.8	302.8	1.4	61.7	10.8	145.
14.0	46.9	4163.1	600.0	-12.9	-19.4	310.9	20.0	15.1	-13.1	301.2	305.3	1.4	58.2	12.0	145.
15.2	49.9	4486.7	575.0	-14.6	-21.0	307.6	19.0	15.0	-11.6	302.9	306.7	1.2	57.9	13.4	141.
16.5	52.8	4828.6	550.0	-16.1	-22.8	305.0	18.1	14.8	-10.4	305.1	308.5	1.1	55.9	14.7	140.
17.7	55.8	5172.0	525.0	-17.6	-23.9	308.3	20.3	15.9	-12.6	307.3	310.7	1.1	57.5	16.1	139.
18.8	58.9	5536.0	500.0	-15.6	-27.0	309.0	19.1	14.9	-12.1	309.1	311.8	0.8	51.9	17.5	138.
20.1	62.0	5915.2	475.0	-22.0	-30.3	309.7	17.9	13.8	-11.4	310.8	312.9	0.6	46.4	18.8	137.
21.5	65.4	6310.9	450.0	-24.9	-33.2	309.3	17.1	13.2	-10.8	311.9	312.7	0.2	21.0	20.3	137.
23.0	69.7	6724.3	425.0	-27.7	-36.1	307.5	16.1	12.8	-9.8	313.5	313.6	0.0	1.2	21.8	136.
24.5	72.1	7156.8	400.0	-31.5	-40.7	306.7	15.3	12.2	-10.5	314.0	314.5	0.1	20.5	23.1	136.
26.1	75.9	7610.1	375.0	-35.5	-47.5	308.9	17.2	13.4	-10.8	314.6	315.1	0.1	27.9	24.7	135.
27.9	79.5	8086.9	350.0	-39.0	-50.1	309.4	16.8	13.0	-10.7	316.2	316.6	0.1	29.5	26.6	135.
29.9	83.4	8591.1	325.0	-42.8	-53.9	309.0	16.7	13.0	-10.5	317.7	317.7	99.9	999.9	28.5	134.
31.8	87.5	9125.9	300.0	-47.4	-58.9	311.2	18.6	14.0	-12.3	318.5	318.5	99.9	999.9	30.6	134.
33.8	91.7	9695.3	275.0	-51.5	-64.9	310.3	17.2	13.1	-11.1	320.7	320.7	99.9	999.9	32.6	134.
36.0	96.2	10308.3	250.0	-55.0	-69.9	304.4	19.5	16.1	-11.0	324.3	324.3	99.9	999.9	35.1	133.
38.5	101.0	10986.9	225.0	-51.4	-69.9	293.8	15.7	14.4	-6.3	339.2	339.2	99.9	999.9	37.9	131.
41.2	106.0	11794.4	200.0	-51.4	-69.9	279.3	14.9	14.7	-2.4	351.4	351.4	99.9	999.9	39.9	131.
44.3	111.6	12620.0	175.0	-52.0	-69.9	269.6	17.4	17.4	0.1	362.5	362.5	99.9	999.9	42.3	129.
47.7	117.8	13615.3	150.0	-52.7	-69.9	271.7	17.0	17.0	0.1	379.3	379.3	99.9	999.9	45.3	126.
51.6	124.7	14754.8	125.0	-53.0	-69.9	275.0	15.8	15.6	-1.4	399.1	399.1	99.9	999.9	48.5	126.
56.6	132.7	16233.4	100.0	-53.8	-69.9	288.2	9.8	8.5	-2.8	423.8	423.8	99.9	999.9	52.1	122.
62.7	142.0	18078.2	75.0	-55.8	-69.9	302.1	4.4	3.7	-2.3	455.9	455.9	99.9	999.9	54.1	121.
70.4	153.3	20655.4	50.0	-55.4	-69.9	284.5	5.9	5.7	-1.5	512.9	512.9	99.9	999.9	56.7	121.
82.1	166.0	25122.0	25.0	-49.1	-69.9	993.9	99.9	99.9	99.9	643.4	643.4	99.9	999.9	61.0	120.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 25 APRIL 1979
 1100 GMT

TIME MIN	CNFCB	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	14.1	847.0	913.6	7.2	2.1	20.0	5.1	-1.7	-0.8	287.7	300.7	4.9	70.0	0.0	0.
05.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.5	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.4	970.7	900.0	7.3	3.7	22.0	7.5	-2.9	-6.9	289.0	303.0	5.6	78.3	0.3	196.
1.1	17.8	1202.1	875.0	5.3	3.5	16.5	10.8	-3.1	-10.4	289.3	304.2	5.6	88.3	0.6	196.
1.9	20.3	1436.5	850.0	3.7	2.5	9.4	16.6	-2.7	-16.4	290.0	304.5	5.4	92.2	1.2	196.
2.7	22.0	1681.6	825.0	4.1	2.8	4.3	19.5	-1.5	-19.5	293.0	308.4	5.7	91.3	2.1	191.
3.6	25.2	1931.0	800.0	2.8	1.9	2.9	19.0	-0.9	-19.0	294.1	309.1	5.5	93.9	3.2	188.
4.4	27.7	2108.7	775.0	1.3	1.1	5.9	17.7	-1.8	-17.6	295.4	309.8	5.4	98.6	4.0	187.
5.3	30.3	2452.5	750.0	0.8	-5.8	12.4	13.7	-3.0	-13.4	297.4	306.8	3.3	61.3	4.9	188.
6.2	33.0	2724.7	725.0	0.4	-4.5	38.1	8.7	0.3	-8.7	300.0	310.7	3.8	69.4	5.5	188.
7.0	35.7	3006.3	700.0	-0.3	-8.0	311.3	4.2	3.2	-2.8	302.1	310.4	2.8	52.8	5.8	187.
7.9	39.4	3258.0	675.0	-0.3	-0.3	238.4	5.6	4.7	2.9	305.3	321.1	5.5	101.5	5.7	185.
8.9	41.2	3598.5	650.0	-2.2	-2.2	232.8	10.7	8.5	6.5	306.4	320.8	5.0	101.2	5.4	182.
9.8	44.0	3910.5	625.0	-4.0	-4.0	237.3	10.2	13.7	8.8	307.9	321.2	4.6	100.8	5.0	175.
10.9	45.9	4231.5	600.0	-6.6	-6.6	237.5	19.9	16.0	10.7	308.5	320.0	3.9	100.4	4.6	162.
12.0	49.9	4563.5	575.0	-7.7	-15.3	234.6	22.3	18.3	13.0	311.0	317.2	2.0	94.3	4.6	142.
13.1	52.9	4908.1	550.0	-9.9	-18.5	237.5	24.0	20.2	12.9	312.3	317.4	1.6	49.6	4.8	126.
14.5	56.0	5265.0	525.0	-12.6	-21.5	244.2	24.6	22.1	10.7	313.2	317.4	1.3	47.0	5.9	106.
15.8	59.1	5635.8	500.0	-15.4	-24.0	246.2	23.2	23.2	10.0	314.2	317.9	1.1	47.2	7.6	97.
17.4	62.4	6021.7	475.0	-17.4	-35.1	246.2	23.3	21.4	9.4	316.4	318.0	0.5	22.9	9.7	90.
19.8	65.8	6428.3	450.0	-19.7	-51.9	245.0	25.7	23.3	10.8	318.4	318.7	0.1	3.8	12.0	85.
20.3	65.3	6846.1	425.0	-23.7	-55.5	244.6	28.0	25.4	12.0	318.2	318.7	0.0	3.5	14.3	82.
21.7	72.9	7285.6	400.0	-27.7	-59.9	238.8	28.4	24.3	17.3	319.0	319.1	0.0	3.3	16.7	79.
23.4	76.5	7745.9	375.0	-31.8	-62.3	233.2	28.9	23.1	17.3	319.6	319.6	0.0	3.1	19.3	75.
25.0	80.3	8229.3	350.0	-36.2	-61.7	231.4	28.9	22.6	18.0	319.6	320.0	0.0	5.2	22.0	72.
26.9	84.3	8738.3	325.0	-41.3	59.9	231.5	28.7	22.5	17.8	319.6	320.0	99.9	99.9	24.9	70.
28.9	89.5	9275.9	300.0	-46.3	59.9	231.5	29.3	23.8	19.0	320.1	322.4	99.9	99.9	28.4	68.
31.2	92.0	9848.9	275.0	-50.3	59.9	220.2	29.3	18.9	22.4	322.4	322.4	99.9	99.9	32.3	65.
33.8	97.6	10464.1	250.0	-55.2	99.9	226.5	29.8	21.7	20.6	324.1	324.1	99.9	99.9	36.4	62.
35.4	102.5	11131.4	225.0	-56.0	99.9	225.0	28.1	18.5	18.5	328.7	328.7	99.9	99.9	39.3	61.
37.1	107.8	11864.6	200.0	-63.4	99.9	216.0	21.6	12.7	17.5	332.4	332.4	99.9	99.9	41.2	60.
39.4	113.0	12678.4	175.0	-63.1	99.9	211.9	26.0	23.0	12.2	345.5	345.5	99.9	99.9	44.8	59.
43.1	120.0	13653.3	150.0	-54.0	99.9	213.8	19.7	19.6	-1.3	377.0	377.0	99.9	99.9	48.2	61.
47.2	127.0	14823.6	125.0	-54.8	99.9	274.7	10.7	10.7	-0.9	395.7	395.7	99.9	99.9	52.1	64.
52.2	135.0	16240.7	100.0	-54.2	99.9	270.5	8.3	8.3	-0.1	423.0	423.0	99.9	99.9	54.7	64.
58.2	144.0	18068.6	75.0	-56.3	99.9	288.1	9.5	9.0	-3.0	454.9	454.9	99.9	99.9	57.1	66.
66.8	154.5	20633.8	50.0	-56.1	99.9	299.6	5.3	4.6	-2.6	511.4	511.4	99.9	99.9	59.2	68.
70.2	164.7	25107.5	25.0	-52.6	99.9	287.2	13.8	13.1	-0.1	633.2	633.2	99.9	99.9	60.5	70.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 502
 NORTH PLATTE, NEBRASKA

 05 APRIL 1979
 1500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	14.1	847.0	916.0	6.7	3.1	350.0	3.7	1.0	-5.5	287.8	300.0	5.3	78.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
5.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	15.7	952.0	900.0	6.3	4.6	353.7	7.5	0.0	-7.4	288.0	303.5	5.9	88.0	0.2	172.
1.4	18.2	1222.4	875.0	4.1	2.0	2.8	11.3	-0.5	-11.3	288.1	302.3	5.4	91.4	0.7	174.
2.2	20.7	1437.7	850.0	2.1	1.1	6.0	14.4	-1.5	-14.3	288.4	301.4	4.9	93.1	1.4	181.
3.1	23.3	1658.4	825.0	2.7	2.0	355.6	12.3	0.9	-12.2	291.4	305.9	5.4	95.6	2.1	183.
4.1	25.8	1948.1	800.0	1.1	0.7	343.2	16.5	4.2	-13.9	292.4	306.1	5.1	97.0	2.8	179.
5.3	28.4	2203.2	775.0	-0.6	-1.0	331.8	17.7	7.0	-15.0	293.2	305.8	4.6	97.0	4.0	173.
6.5	31.1	2451.1	750.0	-1.6	-2.0	326.0	18.6	10.4	-15.4	294.5	307.0	4.4	97.1	5.3	167.
7.7	33.8	2735.1	725.0	-2.5	-2.9	323.0	14.6	8.8	-11.7	296.7	308.6	4.3	96.9	6.4	162.
8.9	36.6	3013.2	700.0	-4.0	-4.5	331.1	10.8	5.2	-9.4	298.0	309.1	3.9	96.7	7.2	160.
10.4	39.3	3309.0	675.0	-5.1	-5.6	322.2	5.0	3.1	-4.0	299.9	310.6	3.7	96.5	7.9	160.
11.7	42.1	3557.3	650.0	-4.8	-5.2	255.6	5.6	5.4	1.4	303.5	315.0	4.0	96.8	8.1	159.
13.0	45.0	3905.6	625.0	-3.7	-4.0	234.3	13.7	11.1	8.0	306.0	317.4	3.9	97.2	8.0	154.
15.2	48.0	4225.4	600.0	-7.3	-7.6	229.3	20.1	15.2	13.1	307.7	318.3	3.6	97.4	7.7	137.
16.3	51.0	4556.1	575.0	-9.5	-9.9	234.8	21.5	17.6	12.4	308.5	318.3	3.1	96.7	7.9	127.
17.5	54.0	4898.6	550.0	-11.6	-12.2	239.5	21.1	18.2	10.7	310.2	318.6	2.7	95.6	8.6	117.
18.8	57.1	5254.0	525.0	-13.8	-14.8	243.3	20.9	18.6	9.4	311.2	318.9	2.3	92.3	9.6	109.
20.1	60.4	5622.1	500.0	-16.6	-17.0	248.1	26.8	23.0	9.2	312.2	318.7	1.9	90.0	11.0	103.
21.5	63.7	6007.0	475.0	-19.2	-20.8	245.8	29.2	26.6	12.0	314.2	319.1	1.5	87.3	12.8	97.
22.9	67.0	6407.0	450.0	-22.1	-23.0	240.1	31.9	27.6	15.9	315.2	319.5	1.1	76.9	15.0	91.
24.3	70.6	6825.1	425.0	-25.3	-26.0	238.4	32.0	27.2	16.7	316.5	319.5	0.9	78.0	17.3	87.
25.7	74.1	7262.1	400.0	-28.7	-32.0	234.2	34.3	27.8	20.1	317.7	319.7	0.6	67.6	19.9	83.
27.1	77.9	7720.6	375.0	-32.7	-39.1	230.5	32.9	25.4	20.9	318.2	319.5	0.3	52.5	23.0	78.
28.5	81.9	8202.1	350.0	-37.1	-43.9	231.7	31.6	24.8	19.6	318.2	319.6	0.2	48.7	25.9	75.
30.9	85.8	8705.8	325.0	-41.5	-49.9	227.9	27.3	20.3	19.4	319.2	319.9	99.9	999.9	29.0	72.
32.5	93.2	9247.2	300.0	-46.5	-59.9	227.9	27.3	20.3	18.7	319.9	319.9	99.9	999.9	31.6	70.
34.3	94.6	9818.5	275.0	-51.7	-69.9	230.8	26.3	20.3	16.7	320.4	319.9	99.9	999.9	34.2	68.
36.4	99.2	10426.9	250.0	-55.6	-69.9	240.0	28.9	27.0	10.4	323.4	319.9	99.9	999.9	37.5	66.
38.6	104.4	11101.8	225.0	-56.0	-69.9	246.3	26.5	24.2	10.6	323.6	319.9	99.9	999.9	41.3	67.
41.2	109.8	11847.5	200.0	-58.7	-69.9	222.9	24.8	16.9	18.2	329.7	319.9	99.9	999.9	44.8	67.
43.3	115.8	12688.0	175.0	-56.9	-59.9	249.9	26.4	24.8	9.1	356.1	319.9	99.9	999.9	49.5	65.
47.9	122.0	13675.3	150.0	-53.4	-59.9	276.0	17.5	17.4	-1.8	378.2	319.9	99.9	999.9	54.3	67.
52.0	129.3	14846.9	125.0	-53.4	-59.9	268.9	12.5	0.2	0.2	398.0	319.9	99.9	999.9	57.3	69.
57.2	137.3	16265.7	100.0	-54.0	-59.9	283.8	11.4	11.1	-2.7	423.5	319.9	99.9	999.9	60.8	70.
63.8	146.7	18107.7	75.0	-56.3	-59.9	299.0	6.3	5.5	-3.2	454.8	319.9	99.9	999.9	62.8	72.
71.9	157.0	20681.2	50.0	-57.7	-59.9	333.8	5.9	2.6	-5.3	507.2	319.9	99.9	999.9	65.1	70.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 25 APRIL 1979
 1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	19.8	817.0	917.7	7.8	2.9	360.0	4.6	0.0	-4.6	287.5	301.6	5.1	71.0	0.0	0.
9.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	16.5	1007.3	900.0	6.0	3.1	259.0	8.5	0.2	-8.5	287.7	301.7	5.3	81.6	0.3	185.
1.7	19.0	1237.3	875.0	3.7	2.9	3.2	7.7	-0.4	-7.7	287.6	301.9	5.4	94.6	0.6	183.
2.7	21.5	1472.4	850.0	1.9	1.7	0.6	7.1	-0.1	-7.1	288.1	301.7	5.1	99.0	1.3	183.
3.7	24.1	1712.9	825.0	0.3	0.2	344.8	6.7	2.3	-6.4	288.9	301.5	4.7	99.9	1.7	181.
4.8	26.7	1959.9	800.0	0.4	-0.4	337.9	11.9	4.5	-11.0	291.6	304.2	4.7	99.9	2.4	174.
5.8	29.1	2214.0	775.0	0.1	-2.0	335.6	12.4	5.1	-11.3	293.5	305.0	4.0	81.2	3.1	170.
6.9	31.0	2477.0	750.0	-1.7	-0.1	333.1	12.8	5.8	-11.4	294.7	305.0	2.6	56.8	3.9	167.
7.9	33.4	2744.3	725.0	-3.4	-5.5	321.4	12.1	7.6	-9.5	295.7	305.5	3.5	85.4	4.6	164.
9.1	37.2	3023.5	700.0	-4.7	-6.5	314.7	13.7	9.7	-9.6	297.3	306.4	2.9	85.2	5.4	160.
10.2	40.0	3308.0	675.0	-6.8	-8.0	310.4	15.1	11.5	-9.8	298.1	306.4	1.3	39.0	7.1	152.
12.4	45.6	3603.3	650.0	-8.9	-10.9	300.8	16.8	14.4	-8.6	301.1	305.2	1.3	39.0	8.3	147.
13.6	48.5	4223.2	600.0	-11.3	-13.8	286.7	21.6	17.9	-6.2	303.6	307.4	1.4	53.8	9.6	142.
14.9	51.4	4548.8	575.0	-13.4	-16.1	274.5	23.5	23.5	-1.8	304.3	309.2	1.6	77.6	10.9	136.
16.1	54.5	4855.0	550.0	-15.3	-18.3	260.6	23.9	23.6	3.9	306.0	311.0	1.6	77.6	12.1	130.
17.4	57.6	5236.9	525.0	-16.4	-17.1	243.9	22.9	20.5	10.1	308.7	314.5	1.9	94.3	13.2	123.
18.8	60.6	5502.7	500.0	-18.6	-19.1	238.8	24.0	21.1	12.8	310.4	315.7	1.7	96.1	14.1	116.
19.9	64.0	5823.5	475.0	-21.1	-21.8	238.3	26.8	22.8	14.1	311.9	316.4	1.4	93.6	15.2	110.
21.1	67.4	6180.9	450.0	-24.1	-25.2	234.0	28.6	23.1	16.8	313.0	316.5	1.1	89.9	16.4	105.
22.6	70.9	6755.2	425.0	-27.7	-30.5	234.7	31.2	25.5	18.0	313.3	314.5	0.4	56.1	18.2	98.
24.2	74.6	7227.2	400.0	-32.1	-37.9	241.6	32.7	26.7	15.5	313.3	314.5	0.4	56.1	20.6	93.
25.8	79.1	7675.3	375.0	-35.7	-55.5	251.6	32.3	36.4	12.1	314.3	314.6	0.1	11.0	23.6	89.
27.5	81.9	8157.0	350.0	-38.1	-56.1	249.4	43.8	41.0	15.4	317.4	317.8	0.1	12.9	27.8	87.
29.5	85.8	8683.5	325.0	-41.9	-59.9	244.2	47.1	42.4	20.5	318.9	319.9	99.9	99.9	33.0	83.
31.5	90.0	9159.8	300.0	-46.9	-59.9	240.2	47.4	41.1	23.6	319.3	319.9	99.9	99.9	38.4	80.
33.5	94.4	9722.1	275.0	-50.1	-59.9	243.6	45.9	41.1	20.4	322.7	322.7	99.9	99.9	43.5	78.
35.6	99.2	10308.6	250.0	-53.7	-59.9	246.3	42.4	38.8	17.1	326.2	326.2	99.9	99.9	49.1	76.
37.9	104.0	11066.1	225.0	-56.9	-59.9	246.2	20.5	27.9	12.3	327.6	327.6	99.9	99.9	53.9	75.
40.5	109.4	11826.3	200.0	-59.8	-59.9	244.5	28.7	25.9	12.4	327.6	327.6	99.9	99.9	58.5	75.
43.4	115.3	12678.6	175.0	-56.0	-59.9	259.6	23.5	23.1	4.2	327.4	327.4	99.9	99.9	63.2	74.
46.6	121.5	13675.6	150.0	-50.7	-59.9	278.2	16.5	16.3	-2.4	328.8	328.8	99.9	99.9	68.8	75.
50.3	128.5	14548.9	125.0	-54.5	-59.9	254.4	13.4	12.9	3.6	326.3	326.3	99.9	99.9	73.0	76.
54.8	136.7	16277.3	100.0	-53.7	-59.9	265.1	9.9	9.9	0.9	423.6	423.6	99.9	99.9	75.6	76.
60.2	145.7	18110.7	75.0	-57.4	-59.9	298.1	6.1	5.4	-2.9	452.7	452.7	99.9	99.9	77.6	77.
67.5	156.0	20467.3	50.0	-55.2	-59.9	323.8	4.5	2.7	-3.4	513.2	513.2	99.9	99.9	999.9	999.9
79.1	166.5	25145.5	25.0	-51.9	-59.9	999.9	99.9	99.9	99.9	635.6	635.6	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 25 APRIL 1979
 2000 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT 'T DG K	WX WTC CM/KG	RH PCT	RANGE KM	AZ DG
3.0	13.9	847.0	916.7	12.7	1.7	340.0	5.7	1.9	-5.4	293.1	305.9	4.7	47.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.5	1000.0	900.0	10.1	1.7	327.6	6.4	3.5	-5.6	292.0	305.0	4.8	55.7	0.3	150.
1.2	18.0	1233.9	875.0	7.5	0.5	329.6	8.6	4.4	-7.4	291.6	303.9	4.6	61.2	0.6	149.
2.0	20.4	1472.0	850.0	5.4	0.5	329.7	7.4	3.4	-6.6	291.6	304.5	4.7	70.4	1.0	150.
3.0	22.9	1712.2	825.0	3.2	-0.1	329.6	6.3	3.2	-5.5	291.5	304.5	4.6	79.3	1.4	151.
4.1	25.4	1964.0	800.0	1.3	-0.6	324.6	11.2	6.5	-9.1	292.5	305.0	4.6	87.3	1.9	150.
4.9	25.0	2212.7	775.0	-1.1	-2.1	320.7	13.6	8.6	-10.5	292.6	304.2	4.2	92.8	2.4	148.
5.8	32.6	2475.7	750.0	-2.9	-6.9	316.0	15.0	10.4	-10.0	293.4	302.0	3.0	73.9	3.3	146.
6.7	33.2	2748.4	725.0	-3.4	-10.1	310.6	15.5	11.8	-10.1	295.7	302.7	2.4	59.7	4.1	143.
7.8	35.9	3028.4	700.0	-4.7	-10.1	310.0	15.0	11.5	-9.6	297.2	304.6	2.5	66.2	5.1	140.
9.0	39.7	3310.6	675.0	-6.7	-12.7	308.5	16.3	12.7	-10.1	298.2	304.4	2.1	62.0	6.2	139.
10.1	41.4	3604.4	650.0	-8.0	-13.5	302.0	15.9	13.5	-8.5	299.1	305.2	2.1	68.3	7.3	137.
11.2	44.1	3907.3	625.0	-11.0	-16.0	299.8	15.8	13.7	-7.9	299.4	305.1	1.7	66.3	8.3	135.
12.2	47.1	4219.8	600.0	-13.0	-19.1	294.9	16.2	14.7	-6.8	301.1	305.4	1.4	60.3	9.2	133.
13.4	50.1	4543.2	575.0	-15.0	-24.7	289.7	18.5	17.4	-6.2	302.5	305.3	0.9	42.9	10.4	130.
14.6	53.1	4976.1	550.0	-17.2	-28.3	288.1	19.9	18.9	-6.2	303.7	305.8	0.7	37.3	11.7	128.
15.9	56.3	5225.0	525.0	-20.1	-34.4	283.5	20.3	19.7	-4.7	304.3	305.6	0.4	26.5	13.1	125.
17.1	59.4	5564.6	500.0	-23.2	-34.1	278.4	22.6	22.6	-3.3	304.8	306.2	0.4	35.7	14.6	123.
18.4	62.6	5957.8	475.0	-26.5	-34.6	271.4	25.8	25.9	-0.6	305.1	306.5	0.4	46.4	16.3	120.
19.7	66.0	6345.5	450.0	-29.6	-38.7	261.8	30.9	30.5	4.4	306.1	307.1	0.3	40.3	19.1	116.
20.9	69.4	6751.2	425.0	-32.3	-43.5	251.5	34.3	32.5	10.9	307.6	308.3	0.2	31.7	20.0	112.
22.2	72.9	7176.4	400.0	-35.0	-51.5	248.6	33.6	31.3	12.2	309.6	309.9	0.1	16.4	22.1	107.
23.9	76.6	7623.9	375.0	-37.3	-55.1	233.0	32.8	31.0	10.7	312.2	312.4	0.1	13.5	24.7	102.
25.6	80.4	8059.5	350.0	-38.5	-57.0	230.6	35.5	34.6	8.2	316.2	317.0	0.0	12.1	27.7	99.
27.0	84.3	8605.9	325.0	-41.0	-59.9	229.0	39.2	38.5	7.5	320.1	320.1	99.9	99.9	30.9	97.
28.7	89.5	9147.0	300.0	-43.3	-59.9	254.4	37.0	35.6	10.0	324.3	324.3	99.9	99.9	34.5	95.
30.6	92.0	9728.8	275.0	-46.2	-59.9	253.1	36.8	34.5	10.5	328.4	328.4	99.9	99.9	38.4	92.
32.3	97.6	10359.1	250.0	-48.9	-59.9	253.1	35.7	34.2	10.4	333.2	333.2	99.9	99.9	42.8	90.
34.0	102.4	11049.0	225.0	-50.5	-59.9	255.0	31.7	30.6	8.2	331.1	331.1	99.9	99.9	47.0	89.
37.6	107.9	11914.3	200.0	-51.8	-59.9	256.5	30.4	29.6	7.1	350.2	350.2	99.9	99.9	51.7	86.
40.3	113.5	12680.7	175.0	-51.5	-59.9	254.9	26.5	26.4	2.4	365.0	365.0	99.9	99.9	56.3	87.
43.4	119.8	13684.5	150.0	-50.4	-59.9	281.2	14.5	19.2	-3.8	383.2	383.2	99.9	99.9	60.6	87.
47.2	127.0	14858.0	125.0	-55.6	-59.9	273.9	14.5	14.5	-1.0	394.4	394.4	99.9	99.9	63.9	88.
51.7	135.0	16278.9	100.0	-55.6	-59.9	270.0	10.6	10.6	0.0	420.4	420.4	99.9	99.9	67.6	88.
57.1	144.0	18116.0	75.0	-55.9	-59.9	278.8	5.2	5.1	-0.8	455.7	455.7	99.9	99.9	70.5	88.
64.6	154.3	20713.0	50.0	-54.2	-59.9	285.8	4.9	4.7	-1.3	515.9	515.9	99.9	99.9	72.1	89.
76.3	165.0	23169.0	25.0	-49.2	-59.9	241.0	9.6	8.5	4.6	643.2	643.2	99.9	99.9	75.0	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 342
 NORTH PLATTE, NEBRASKA

25 APRIL 1979														150 10. 0		
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTO	RM	RANGE	AZ	
MIN		GN	MB	CG C	CG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PCT	KM	DEG	
0.0	14.7	847.0	916.0	12.9	-2.1	330.0	6.2	3.1	-5.4	294.4	304.3	3.6	33.0	0.0	0.	
02.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
05.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
08.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
11.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
14.9	15.3	998.2	908.0	12.4	-0.7	318.0	7.4	4.9	-5.6	290.3	305.5	4.1	40.3	0.3	137.	
17.9	19.8	1230.4	875.0	10.3	-1.1	332.0	6.9	3.2	-6.2	294.5	305.6	4.0	45.1	0.7	141.	
20.9	21.4	1470.7	850.0	7.9	-1.7	338.2	6.7	2.5	-6.2	294.4	305.4	4.0	50.7	1.2	148.	
23.9	24.0	1715.8	825.0	5.5	-2.5	339.3	8.1	2.9	-7.6	294.4	305.2	3.9	56.3	1.6	150.	
26.9	26.7	1966.7	800.0	3.3	-3.5	337.9	7.6	2.9	-7.1	294.7	305.0	3.7	61.2	2.0	153.	
29.9	29.3	2223.1	775.0	0.9	-3.7	324.3	9.8	5.7	-8.0	294.8	305.2	3.6	71.3	2.5	152.	
32.9	32.3	2485.7	750.0	-1.7	-4.6	312.0	11.7	8.6	-7.9	294.6	304.9	3.6	80.1	3.2	149.	
35.9	34.7	2754.9	725.0	-3.9	-5.5	304.5	14.2	9.6	-6.4	295.2	305.1	3.5	88.7	3.8	145.	
38.9	37.4	3031.1	700.0	-6.1	-7.9	305.0	14.2	11.6	-8.1	295.8	304.3	3.0	96.7	4.6	142.	
41.9	40.3	3313.0	675.0	-8.3	-9.7	302.7	16.6	14.0	-9.0	296.3	304.1	2.3	100.1	5.8	138.	
44.9	43.2	3607.0	650.0	-10.3	-12.3	303.2	18.7	16.0	-9.8	297.3	303.9	2.3	105.1	7.1	135.	
47.9	46.1	3908.4	625.0	-11.0	-22.7	303.2	20.5	17.2	-11.2	299.5	302.9	1.0	110.2	8.4	133.	
50.9	49.1	4228.7	600.0	-13.3	-26.0	299.7	21.3	18.5	-10.6	300.6	303.1	0.8	115.4	9.9	131.	
53.9	52.3	4543.1	575.0	-16.2	-30.8	298.3	20.9	18.4	-9.9	301.0	303.8	0.9	120.7	11.4	128.	
56.9	55.4	4876.6	550.0	-18.4	-34.7	301.9	19.5	16.6	-10.3	302.3	304.0	0.5	125.7	12.6	126.	
59.9	59.6	5222.0	525.0	-21.1	-33.7	303.1	18.4	15.5	-10.1	303.1	304.4	0.4	130.9	14.3	123.	
62.9	61.9	5579.9	500.0	-24.3	-35.1	302.7	18.4	15.5	-10.0	303.4	304.7	0.4	135.6	15.8	127.	
65.9	65.1	5951.4	475.0	-27.3	-36.7	305.0	19.3	15.8	-11.1	304.2	305.1	0.3	140.7	17.4	127.	
68.9	68.6	6338.3	450.0	-30.6	-42.9	302.5	17.1	14.4	-9.2	304.7	305.4	0.2	145.4	19.1	127.	
71.9	72.1	6741.8	425.0	-33.3	-46.4	304.8	17.2	14.1	-9.0	304.3	304.8	0.1	150.3	20.9	126.	
74.9	75.7	7164.6	400.0	-37.0	-49.9	316.5	13.7	9.4	-9.9	306.9	307.3	0.1	155.3	22.4	127.	
77.9	79.5	7607.8	375.0	-40.1	-59.5	322.7	14.7	8.9	-11.7	308.5	309.9	0.9	160.9	23.7	128.	
80.9	83.4	8077.3	350.0	-41.7	-69.9	308.2	21.6	17.2	-13.6	312.5	309.9	0.9	165.9	25.5	128.	
83.9	87.5	8578.0	325.0	-43.3	-79.9	291.4	22.6	21.1	-8.3	317.0	309.9	0.9	170.9	28.0	127.	
86.9	91.7	9116.6	300.0	-43.6	-89.9	286.8	26.4	25.7	-7.8	324.0	309.9	0.9	175.9	30.8	126.	
89.9	95.2	9700.8	275.0	-44.8	-99.9	279.2	30.6	30.2	-4.9	330.3	309.9	0.9	180.9	34.1	123.	
92.9	103.8	10335.4	250.0	-46.5	-99.9	281.7	29.0	28.4	-5.9	337.0	309.9	0.9	185.9	38.0	121.	
95.9	105.8	11032.2	225.0	-48.0	-99.9	276.9	27.2	27.0	-3.3	343.7	309.9	0.9	190.9	42.0	119.	
98.9	111.3	11802.9	200.0	-50.2	-99.9	280.2	25.7	25.3	-4.5	353.3	309.9	0.9	195.9	45.8	117.	
101.9	117.3	12673.1	175.0	-48.9	-99.9	274.0	23.9	23.5	-1.6	363.1	309.9	0.9	200.9	50.2	115.	
104.9	123.5	13678.1	150.0	-51.9	-99.9	276.5	19.0	18.9	-2.1	368.6	309.9	0.9	205.9	54.1	113.	
107.9	130.7	14857.7	125.0	-53.2	-99.9	273.4	14.1	14.0	-0.8	398.2	309.9	0.9	210.9	57.3	113.	
110.9	138.7	16281.0	100.0	-55.7	-99.9	289.6	12.7	12.0	-4.3	428.1	309.9	0.9	215.9	60.8	112.	
113.9	145.0	18112.3	75.0	-56.2	-99.9	269.6	7.4	7.4	0.1	455.0	309.9	0.9	220.9	64.3	112.	
116.9	158.5	20701.0	50.0	-56.2	-99.9	297.2	5.0	4.5	-2.3	511.2	309.9	0.9	225.9	65.8	111.	
119.9	169.0	25161.2	25.0	-50.6	-99.9	303.1	11.0	6.2	-6.0	630.7	309.9	0.9	230.9	69.6	112.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA
26 APRIL 1979
209 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	WZ RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	13.9	847.0	916.7	5.4	-2.5	50.0	2.1	-1.6	-1.3	289.7	299.2	3.5	43.9	0.0	0.
59.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.5	1000.3	900.0	10.7	-2.5	99.9	99.9	99.9	99.9	292.2	302.3	3.6	39.7	99.9	99.9
1.4	18.0	1234.1	875.0	8.9	-3.6	99.9	99.9	99.9	99.9	293.1	302.4	3.4	41.0	99.9	99.9
2.2	20.5	1473.4	850.0	7.0	-3.9	340.6	5.2	1.9	-5.5	293.2	302.9	3.4	45.7	0.9	195.
3.1	23.0	1718.0	825.0	5.6	-3.3	306.5	7.2	5.8	-4.3	294.2	304.6	3.6	52.7	1.1	183.
3.9	25.5	1969.0	800.0	3.6	-4.9	295.8	8.9	6.0	-3.9	294.9	304.3	3.3	53.9	1.4	167.
4.9	28.1	2225.6	775.0	0.9	-6.2	293.4	11.6	10.1	-5.7	294.2	303.5	3.1	58.8	1.8	152.
5.9	30.6	2482.6	750.0	-1.0	-7.5	301.2	13.2	11.3	-6.8	295.2	303.6	2.9	61.5	2.5	143.
7.0	33.2	2752.0	725.0	-2.5	-8.4	295.5	15.5	13.5	-7.6	295.6	303.4	2.8	68.8	3.3	137.
8.1	35.9	3034.5	700.0	-5.3	-9.4	303.7	17.1	14.2	-9.5	296.4	304.1	2.7	74.3	4.4	133.
9.2	38.6	3318.9	675.0	-7.9	-10.2	304.8	21.3	17.5	-12.2	296.2	304.3	2.6	83.4	5.7	131.
10.3	41.4	3611.5	650.0	-9.6	-11.7	306.6	23.9	18.5	-13.8	297.5	304.9	2.4	86.1	7.1	130.
11.4	44.2	3913.5	623.0	-11.3	-17.8	310.2	26.8	18.8	-15.9	299.6	304.1	1.5	58.3	8.7	130.
12.6	47.1	4226.3	600.0	-12.4	-19.6	313.9	23.9	17.2	-16.6	301.7	305.9	1.3	54.9	10.5	130.
13.9	50.1	4550.1	575.0	-14.6	-21.8	315.8	23.5	16.3	-16.8	302.9	306.4	1.2	54.3	12.1	131.
14.9	53.1	4825.3	550.0	-17.2	-23.9	315.2	23.9	16.2	-16.3	303.7	306.9	1.0	55.3	13.7	131.
16.2	56.3	5212.4	525.0	-19.9	-26.7	311.9	23.4	17.5	-15.7	304.5	307.0	0.8	54.8	15.4	132.
17.4	59.4	5592.5	500.0	-22.6	-29.3	308.7	22.6	17.7	-14.2	305.5	307.6	0.7	53.9	17.3	131.
18.7	62.6	5966.7	475.0	-25.5	-32.8	308.3	20.6	15.7	-12.4	306.4	308.0	0.5	50.1	19.9	131.
20.1	65.0	6356.3	450.0	-28.5	-36.8	308.6	17.7	13.8	-11.1	307.4	308.6	0.4	44.6	20.4	131.
21.4	69.4	6762.9	425.0	-32.1	-40.0	310.9	17.3	13.1	-11.3	307.2	308.8	0.3	45.1	21.7	131.
22.7	72.9	7187.2	400.0	-36.1	-43.0	313.4	19.0	13.8	-13.1	308.1	308.0	0.2	48.4	23.2	131.
24.3	76.6	7632.5	375.0	-39.4	-46.2	316.0	17.1	11.9	-12.3	309.4	309.9	0.1	38.4	25.0	131.
26.1	80.4	8101.3	350.0	-42.9	-49.9	316.0	16.0	11.1	-11.5	310.5	309.9	99.9	99.9	26.5	132.
27.9	84.3	8596.5	325.0	-44.3	-52.9	316.9	19.1	13.0	-13.9	315.7	309.9	99.9	99.9	28.6	132.
29.8	89.5	9135.0	300.0	-45.3	-59.9	303.1	28.4	17.1	-11.2	321.6	309.9	99.9	99.9	30.7	132.
31.8	92.8	9713.6	275.0	-47.1	-69.0	291.2	24.6	22.9	-8.9	327.6	309.9	99.9	99.9	33.3	130.
34.2	97.6	10343.7	250.0	-48.1	-79.9	292.4	26.1	24.1	-9.9	334.2	309.9	99.9	99.9	36.9	129.
36.7	102.4	11037.5	225.0	-49.6	-89.9	283.7	26.7	26.0	-6.3	342.8	309.9	99.9	99.9	40.7	127.
39.4	107.8	11806.5	200.0	-51.2	-99.9	283.0	24.4	23.8	-5.5	351.7	309.9	99.9	99.9	44.4	125.
42.5	113.6	12672.9	175.0	-51.9	-99.9	281.3	22.2	21.8	-4.3	364.2	309.9	99.9	99.9	48.6	123.
46.0	120.0	13671.4	150.0	-52.4	-99.9	278.9	19.5	19.3	-3.0	379.7	309.9	99.9	99.9	52.4	121.
49.8	127.0	14847.3	125.0	-53.5	-99.9	282.2	16.1	15.7	-3.4	398.1	309.9	99.9	99.9	56.7	120.
54.6	135.0	16271.1	100.0	-55.2	-99.9	293.4	11.3	10.4	-4.5	421.2	309.9	99.9	99.9	60.1	118.
60.3	144.3	18101.2	75.0	-56.0	-99.9	275.0	8.4	8.4	-0.7	455.2	309.9	99.9	99.9	63.2	116.
63.3	154.7	20675.1	50.0	-56.8	-99.9	287.1	6.6	6.3	-1.9	509.7	309.9	99.9	99.9	65.2	116.
68.3	165.0	25126.7	25.0	-50.3	-99.9	99.9	99.9	99.9	99.9	640.1	309.9	99.9	99.9	68.0	119.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 28 APRIL 1979
 304 GAT

180 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	14.6	867.0	917.7	5.0	-0.6	30.8	2.1	-1.0	-1.8	285.1	296.1	4.2	78.0	0.0	0.
0.9	99.9	99.9	1000.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	58.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	16.3	1007.1	900.0	7.7	-2.0	999.9	99.9	99.9	99.9	289.4	299.4	3.7	50.3	999.9	99.9
1.4	18.9	1238.9	875.0	6.6	-3.5	999.9	99.9	99.9	99.9	290.6	299.9	3.4	48.4	999.9	99.9
2.1	21.2	1476.4	850.0	5.2	-4.6	999.9	99.9	99.9	99.9	291.6	300.5	3.2	49.2	999.9	99.9
2.9	23.8	1716.4	825.0	4.0	-3.5	999.9	99.9	99.9	99.9	292.8	302.8	3.6	58.2	999.9	99.9
3.7	26.3	1965.5	800.0	2.7	-4.7	999.9	99.9	99.9	99.9	293.8	303.5	3.4	58.3	999.9	99.9
4.6	29.9	2228.4	775.0	0.6	-6.7	999.9	99.9	99.9	99.9	294.4	302.8	3.0	58.0	999.9	99.9
5.5	31.6	2487.9	750.0	-1.4	-9.2	999.9	99.9	99.9	99.9	295.0	302.3	2.5	55.4	999.9	99.9
6.3	34.2	2757.1	725.0	-3.7	-11.1	999.9	99.9	99.9	99.9	295.5	302.6	2.3	56.3	999.9	99.9
7.5	37.0	3033.4	700.0	-5.3	-17.8	999.9	99.9	99.9	99.9	296.6	300.7	1.3	36.6	999.9	99.9
8.5	39.8	3318.1	675.0	-7.2	-17.0	999.9	99.9	99.9	99.9	297.6	302.1	1.5	45.4	999.9	99.9
9.4	42.6	3611.1	650.0	-9.5	-19.9	999.9	99.9	99.9	99.9	298.2	301.9	1.2	42.3	999.9	99.9
10.5	45.4	3912.9	625.0	-12.0	-16.0	999.9	99.9	99.9	99.9	298.8	304.0	1.8	71.8	999.9	99.9
11.4	48.4	4224.2	600.0	-14.0	-18.7	999.9	99.9	99.9	99.9	299.5	304.3	1.5	67.9	999.9	99.9
12.5	51.4	4546.7	575.0	-15.0	-30.2	999.9	99.9	99.9	99.9	300.4	304.1	0.5	25.9	999.9	99.9
13.6	54.4	4881.5	550.0	-17.1	-34.7	999.9	99.9	99.9	99.9	303.2	305.0	0.4	20.0	999.9	99.9
14.7	57.5	5228.2	525.0	-15.1	-37.1	999.9	99.9	99.9	99.9	303.5	305.5	0.3	18.5	999.9	99.9
15.8	60.8	5590.2	500.0	-22.2	-36.4	999.9	99.9	99.9	99.9	306.8	307.2	0.3	25.9	999.9	99.9
17.0	64.0	5965.3	475.0	-25.3	-38.5	999.9	99.9	99.9	99.9	306.6	307.6	0.3	27.9	999.9	99.9
18.3	67.3	6355.9	450.0	-28.2	-37.4	999.9	99.9	99.9	99.9	307.8	309.0	0.3	40.4	999.9	99.9
19.7	70.9	6763.0	425.0	-31.7	-36.6	999.9	99.9	99.9	99.9	308.4	309.7	0.4	61.2	999.9	99.9
21.0	74.3	7198.5	400.0	-33.5	-39.9	999.9	99.9	99.9	99.9	311.5	312.5	0.3	52.0	999.9	99.9
22.6	78.0	7639.8	375.0	-37.4	-42.8	999.9	99.9	99.9	99.9	312.9	312.9	0.2	54.8	999.9	99.9
24.3	81.9	8113.1	350.0	-40.9	99.9	999.9	99.9	99.9	99.9	313.5	313.5	99.9	99.9	999.9	99.9
26.1	85.8	8613.9	325.0	-44.3	99.9	999.9	99.9	99.9	99.9	313.7	313.7	99.9	99.9	999.9	99.9
28.1	90.0	9145.7	300.0	-46.3	99.9	999.9	99.9	99.9	99.9	317.1	317.1	99.9	99.9	999.9	99.9
30.2	94.3	9716.9	275.0	-50.3	99.9	999.9	99.9	99.9	99.9	322.2	322.2	99.9	99.9	999.9	99.9
32.4	99.2	10334.5	250.0	-52.6	99.9	999.9	99.9	99.9	99.9	327.6	327.6	99.9	99.9	999.9	99.9
34.5	104.0	11019.7	225.0	-51.6	99.9	999.9	99.9	99.9	99.9	339.4	339.4	99.9	99.9	999.9	99.9
37.1	109.3	11778.7	200.0	-52.4	99.9	999.9	99.9	99.9	99.9	343.4	343.4	99.9	99.9	999.9	99.9
40.2	115.0	12642.6	175.0	-53.4	99.9	999.9	99.9	99.9	99.9	363.4	363.4	99.9	99.9	999.9	99.9
43.6	121.3	13637.1	150.0	-53.6	99.9	999.9	99.9	99.9	99.9	377.3	377.3	99.9	99.9	999.9	99.9
47.5	129.3	14809.9	125.0	-54.1	99.9	999.9	99.9	99.9	99.9	399.1	399.1	99.9	99.9	999.9	99.9
52.2	136.3	16237.5	100.0	-55.0	99.9	999.9	99.9	99.9	99.9	421.4	421.4	99.9	99.9	999.9	99.9
57.8	145.5	18059.7	75.0	-57.0	99.9	999.9	99.9	99.9	99.9	451.9	451.9	99.9	99.9	999.9	99.9
65.7	156.0	20632.2	50.0	-55.6	99.9	999.9	99.9	99.9	99.9	512.5	512.5	99.9	99.9	999.9	99.9
78.2	167.0	25072.6	25.0	-51.6	99.9	999.9	99.9	99.9	99.9	636.3	636.3	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA.

 26 APRIL 1979
 805 G43

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	847.0	917.0	0.0	-3.9	360.0	1.5	0.0	-1.5	280.0	280.3	3.1	75.0	0.0	0.
9.9	99.9	99.9	1000.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	16.2	999.9	900.0	7.0	-2.0	999.9	99.9	99.9	99.9	288.7	288.7	3.7	52.8	999.9	99.9
1.4	18.6	1231.5	875.0	6.4	-3.4	999.9	99.9	99.9	99.9	290.4	290.4	3.4	49.6	999.9	99.9
3.2	21.0	1468.7	850.0	5.4	-6.1	999.9	99.9	99.9	99.9	291.8	301.0	3.3	50.5	0.5	10.
3.0	23.5	1712.9	825.0	5.0	-6.3	279.1	9.2	9.1	-1.5	293.6	303.3	3.4	50.8	0.8	47.
3.9	26.0	1963.3	800.0	3.3	-6.4	295.3	11.2	10.1	-4.8	294.7	303.1	3.0	48.8	1.1	72.
4.8	29.5	2219.7	775.0	0.8	-8.0	310.1	11.5	8.8	-7.4	294.7	302.4	2.7	51.6	1.6	08.
5.7	31.1	2482.3	750.0	-0.7	-8.1	320.9	14.9	9.4	-11.8	295.8	303.7	2.8	57.3	2.1	103.
6.7	33.7	2732.4	725.0	-2.7	-10.2	326.0	17.9	10.0	-14.8	296.8	303.5	2.4	56.3	2.9	116.
7.8	36.3	3029.7	700.0	-4.8	-11.3	324.8	19.3	11.1	-15.7	297.2	303.9	2.3	60.0	4.0	126.
8.7	39.0	3314.7	675.0	-7.2	-12.0	323.0	20.3	12.2	-16.2	297.6	304.1	2.3	68.7	5.1	129.
9.8	41.8	3608.0	650.0	-9.3	-13.7	317.1	20.8	14.1	-15.2	298.4	304.4	2.0	70.3	6.4	131.
11.0	44.6	3910.3	625.0	-11.4	-15.9	313.6	25.5	17.0	-16.2	299.4	305.1	1.9	75.6	8.0	132.
12.2	47.4	4222.0	600.0	-14.1	-18.5	314.2	29.5	18.5	-18.0	299.8	306.0	2.1	96.6	9.7	132.
13.3	50.4	4543.8	575.0	-16.4	-22.3	310.9	24.3	18.4	-15.9	300.6	304.3	1.1	61.2	11.5	132.
14.5	53.4	4878.1	550.0	-18.9	-23.3	308.2	22.2	17.9	-13.1	304.1	307.4	1.1	57.6	13.1	132.
15.8	56.5	5220.0	525.0	-19.2	-23.1	308.5	22.3	17.5	-13.9	305.4	308.9	1.1	70.9	14.8	131.
17.0	59.6	5527.7	500.0	-21.2	-25.8	310.9	18.3	13.9	-12.0	307.2	310.1	0.9	66.1	16.4	131.
18.5	62.9	5964.5	475.0	-23.8	-28.0	310.5	18.3	13.9	-11.8	308.6	311.2	0.8	67.6	17.9	131.
20.0	66.1	6357.8	450.0	-26.3	-31.5	309.0	19.2	14.9	-12.1	310.2	312.2	0.6	61.5	19.5	131.
21.5	69.6	6768.3	425.0	-29.4	-34.7	308.7	16.5	12.9	-10.3	311.3	312.9	0.5	60.0	21.2	131.
23.3	73.1	7158.8	400.0	-32.0	-39.9	311.1	15.6	11.8	-10.3	313.4	314.5	0.3	50.0	22.9	131.
25.2	76.7	7651.7	375.0	-35.3	-43.7	312.9	14.8	10.9	-10.1	314.6	315.6	0.2	41.7	24.6	131.
27.1	80.6	8129.0	350.0	-38.7	-48.3	316.1	14.4	10.0	-10.4	316.6	317.1	0.1	35.2	26.3	131.
29.0	84.5	8638.7	325.0	-43.2	-53.9	316.2	12.4	8.6	-9.0	317.2	319.9	99.9	99.9	27.8	131.
31.1	88.7	9167.3	300.0	-47.1	-59.9	314.8	13.2	9.4	-9.3	319.0	319.9	99.9	99.9	29.4	132.
33.2	93.0	9738.7	275.0	-50.4	-65.9	302.7	14.0	12.5	-8.0	322.3	319.9	99.9	99.9	31.2	132.
35.3	97.6	10356.1	250.0	-54.5	-71.7	291.7	17.2	16.0	-6.4	325.0	319.9	99.9	99.9	33.0	130.
37.8	102.6	11027.3	225.0	-55.0	-76.9	296.9	22.0	19.6	-10.0	334.2	319.9	99.9	99.9	35.8	129.
40.3	107.8	11778.6	200.0	-54.4	-82.9	295.0	24.3	22.0	-10.2	346.6	319.9	99.9	99.9	39.5	128.
43.5	113.6	12638.6	175.0	-52.5	-89.9	289.5	21.5	20.7	-5.7	363.2	319.9	99.9	99.9	43.4	126.
47.2	120.0	13631.9	150.0	-54.4	-99.9	283.6	21.6	21.0	-5.1	376.4	319.9	99.9	99.9	47.9	124.
51.0	127.0	14808.0	125.0	-53.3	-99.9	277.5	17.1	17.0	-2.2	398.5	319.9	99.9	99.9	52.0	123.
55.5	135.0	16231.3	100.0	-54.8	-99.9	285.8	15.9	15.3	-4.3	418.0	319.9	99.9	99.9	56.3	120.
61.3	144.3	18059.9	75.0	-55.7	-99.9	299.6	8.2	7.1	-4.1	456.1	319.9	99.9	99.9	60.0	120.
68.9	154.5	20642.1	50.0	-54.5	-99.9	325.9	3.5	1.9	-2.9	515.0	319.9	99.9	99.9	62.5	120.
80.8	165.0	25056.6	25.0	-52.4	-99.9	269.3	5.7	5.7	0.1	634.3	319.9	99.9	99.9	65.0	119.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 26 APRIL 1979
 1100 GMT

157 10. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCP	RANGE KM	AZ DEG
0.0	14.4	847.0	516.0	-1.7	-4.0	320.0	2.6	1.7	-2.0	278.4	286.5	3.1	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.9	989.7	900.0	4.8	1.2	220.0	9.9	7.4	6.6	286.4	288.7	4.6	77.4	0.2	76.
1.3	15.3	1220.6	875.0	6.4	-0.8	238.6	11.5	9.8	6.0	290.5	301.7	4.1	68.0	0.7	50.
2.2	20.9	1452.7	850.0	6.8	-2.4	274.9	11.3	11.3	-1.0	293.3	303.8	3.8	51.8	1.2	64.
3.0	23.4	1703.7	825.0	5.6	-3.9	291.4	11.4	10.6	-4.2	294.6	304.3	3.5	50.3	1.7	78.
3.8	26.0	1954.6	800.0	3.4	-5.2	294.2	12.4	11.5	-5.2	296.0	304.2	3.3	52.5	2.2	87.
4.7	28.6	2211.5	775.0	1.4	-6.1	307.7	12.8	10.1	-7.8	295.3	304.1	3.1	57.3	2.8	94.
5.7	31.2	2474.5	750.0	-0.9	-6.6	319.6	13.7	8.9	-10.5	295.6	304.4	3.1	68.4	3.4	102.
6.7	33.9	2744.0	725.0	-3.3	-6.9	320.7	15.4	9.9	-12.0	295.6	304.7	3.1	76.2	4.1	110.
7.6	37.7	3028.9	700.0	-5.5	-7.7	319.1	17.2	11.2	-13.0	296.4	305.1	3.1	84.6	4.9	115.
8.5	39.3	3305.5	675.0	-7.5	-9.0	318.0	17.6	11.6	-13.3	297.3	305.5	2.9	86.9	5.8	119.
9.4	42.1	3598.4	650.0	-5.4	-9.9	313.9	20.5	14.7	-14.2	298.3	306.3	2.8	96.0	6.8	122.
10.6	45.0	3900.8	625.0	-11.4	-12.4	309.4	22.6	17.4	-14.4	299.8	306.4	2.4	92.3	8.3	124.
11.6	48.0	4212.9	600.0	-13.6	-13.7	304.3	23.0	19.0	-12.9	300.4	306.9	2.2	90.2	9.7	124.
12.7	51.0	4535.6	575.0	-16.0	-16.9	302.8	23.6	19.6	-12.0	301.3	306.6	1.8	92.8	11.2	124.
13.7	54.0	4865.0	550.0	-18.6	-18.7	303.9	22.3	18.5	-12.4	302.1	306.8	1.6	98.5	12.6	124.
14.8	57.1	5216.4	525.0	-18.4	-22.0	306.6	18.5	14.8	-11.0	306.4	310.3	1.2	73.0	13.9	124.
16.0	60.3	5579.6	500.0	-20.1	-25.7	308.2	19.5	15.3	-12.1	308.8	311.5	0.9	61.0	15.3	124.
17.2	63.6	5958.4	475.0	-22.3	-29.1	305.5	19.1	15.6	-11.1	310.4	312.7	0.7	53.5	16.7	125.
18.6	67.0	6353.3	450.0	-25.4	-32.1	300.7	20.7	17.8	-10.5	311.3	313.2	0.6	53.2	18.3	125.
20.0	70.6	6765.9	425.0	-28.4	-34.8	293.5	20.6	18.9	-8.2	312.4	314.2	0.5	53.8	20.0	124.
21.4	74.0	7157.7	400.0	-31.5	-38.0	291.7	20.1	18.6	-7.4	314.0	315.3	0.4	52.6	21.8	123.
23.0	77.7	7651.1	375.0	-35.4	-41.5	295.3	19.5	17.7	-8.3	314.8	315.7	0.3	53.0	23.5	123.
24.5	81.5	8128.1	350.0	-39.0	-45.2	296.9	20.0	17.9	-9.1	316.2	316.9	0.2	50.9	25.5	122.
26.5	83.7	8632.0	325.0	-43.0	-49.9	295.9	21.3	19.1	-9.3	317.5	319.9	99.9	99.9	27.7	121.
29.4	89.8	9167.3	300.0	-46.8	-49.9	293.0	21.9	20.2	-8.6	319.4	319.9	99.9	99.9	30.3	121.
30.4	94.2	9738.0	275.0	-51.6	-49.9	293.7	22.6	20.7	-9.1	320.4	319.9	99.9	99.9	32.8	120.
32.5	98.9	10351.5	250.0	-54.9	-49.9	293.9	23.7	22.1	-8.4	320.4	319.9	99.9	99.9	35.7	120.
35.0	103.8	11021.7	225.0	-57.3	-49.9	295.8	26.7	24.0	-11.6	330.6	319.9	99.9	99.9	39.4	119.
37.6	109.0	11769.0	200.0	-55.7	-49.9	295.6	24.7	22.3	-10.7	344.6	319.9	99.9	99.9	43.4	119.
40.8	115.0	12625.6	175.0	-53.2	-49.9	285.8	23.5	22.7	-6.4	352.1	319.9	99.9	99.9	48.1	118.
44.5	121.3	13621.1	150.0	-53.1	-49.9	289.7	22.7	21.3	-7.8	378.8	319.9	99.9	99.9	53.4	117.
49.6	129.3	14798.2	125.0	-53.7	-49.9	284.9	17.8	17.2	-4.6	397.7	319.9	99.9	99.9	58.2	116.
53.7	136.3	16228.0	100.0	-54.3	-49.9	279.1	12.4	12.2	-2.8	422.9	319.9	99.9	99.9	62.9	115.
59.9	145.7	18065.8	75.0	-55.7	-49.9	284.3	8.1	7.8	-2.0	456.3	319.9	99.9	99.9	66.1	114.
68.3	156.0	20650.1	50.0	-55.5	-49.9	279.6	5.8	5.8	-1.0	512.7	319.9	99.9	99.9	69.9	114.
80.8	166.7	25118.5	25.0	-51.4	-49.9	305.7	10.8	8.7	-6.3	637.4	319.9	99.9	99.9	73.7	115.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1 ABILENE, TEXAS														124 104. 0	
25 APRIL 1979 1123 GMT															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	W X RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.0	537.0	943.6	20.5	13.5	200.0	11.3	3.9	10.4	290.6	326.3	10.4	64.0	0.0	0.
0.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	13.9	708.9	925.0	19.9	13.8	209.2	10.5	9.0	10.1	299.6	328.6	10.8	68.0	8.7	20.
1.7	16.3	945.5	900.0	22.8	13.7	224.9	20.7	14.5	14.6	305.1	335.4	11.1	56.6	1.8	30.
2.6	18.7	1193.2	875.0	25.5	10.9	239.9	15.3	13.2	7.7	310.2	336.0	9.4	40.0	2.7	30.
3.5	21.2	1447.1	850.0	24.1	3.2	246.4	12.2	11.2	4.9	311.4	327.9	5.7	25.6	3.3	40.
4.4	23.7	1707.1	825.0	22.3	-0.5	249.0	11.1	10.3	4.0	312.2	325.5	4.5	21.9	3.9	47.
5.4	26.3	1973.3	800.0	20.2	-2.6	254.8	10.0	9.6	2.6	312.7	324.6	4.0	21.3	4.3	51.
6.5	28.9	2245.4	775.0	17.6	-4.7	260.4	10.1	10.0	1.7	312.6	323.3	3.5	21.4	5.0	54.
7.5	31.5	2528.3	750.0	15.4	-6.4	256.4	9.3	9.1	1.9	313.2	322.9	3.1	21.5	5.7	57.
8.6	34.2	2910.1	725.0	12.7	-8.3	252.9	7.8	7.5	2.3	313.4	322.0	2.8	22.2	6.2	59.
10.0	36.9	3103.1	700.0	10.2	-9.4	248.3	9.7	9.0	3.6	313.8	322.1	2.7	24.1	6.8	60.
11.2	39.7	3403.9	675.0	7.3	-10.1	251.9	10.1	9.6	3.1	313.6	321.9	2.6	27.8	7.6	61.
12.5	42.5	3712.7	650.0	4.1	-9.9	253.0	11.4	11.0	3.2	313.7	322.2	2.6	35.3	8.3	62.
13.7	45.4	4030.1	625.0	1.0	-12.9	254.4	15.0	14.4	4.0	313.6	320.7	2.3	34.7	9.3	63.
15.0	49.3	4357.0	600.0	-1.0	-17.8	261.4	17.6	17.4	2.6	314.9	320.0	1.6	26.7	10.5	65.
16.2	51.3	4664.9	575.0	-3.5	-19.6	267.6	15.5	15.5	0.6	315.5	320.4	1.4	26.8	11.6	67.
17.4	54.4	5048.7	550.0	-6.1	-22.1	268.6	17.2	17.2	0.4	316.8	320.6	1.2	26.9	12.7	69.
18.5	57.4	5408.6	525.0	-9.1	-24.6	273.1	15.9	15.9	-0.9	317.5	320.7	1.0	27.0	13.8	71.
19.8	60.6	5782.6	500.0	-12.0	-27.0	274.3	15.0	15.0	-1.1	318.4	321.2	0.8	27.5	14.9	72.
21.1	63.9	6172.6	475.0	-15.0	-27.9	268.0	15.0	15.0	0.5	319.4	322.1	0.8	32.3	16.0	74.
22.6	67.3	6579.3	450.0	-17.8	-26.0	264.9	13.6	13.6	1.4	320.2	324.2	1.0	48.8	17.3	75.
24.2	70.7	7004.5	425.0	-21.1	-27.7	276.5	13.7	13.6	-1.6	322.0	325.1	0.9	53.1	18.5	76.
25.8	74.3	7450.0	400.0	-23.5	-37.5	276.8	16.9	16.0	-2.0	324.5	325.8	0.4	26.2	19.8	77.
27.3	81.0	7917.9	375.0	-31.8	-43.0	272.2	20.9	20.9	-0.8	325.8	326.7	0.2	31.8	21.7	79.
31.1	85.8	8929.2	325.0	-35.8	-39.9	283.2	23.5	22.9	-5.3	325.8	326.7	0.4	63.4	23.7	80.
33.1	90.0	9480.3	300.0	-40.4	99.9	288.0	24.3	23.1	-7.5	328.5	329.9	99.9	99.9	26.0	81.
35.2	94.4	10067.1	275.0	-45.3	99.9	288.7	25.6	24.2	-8.2	329.6	330.9	99.9	99.9	28.6	84.
37.4	99.0	10695.3	250.0	-50.4	99.9	297.9	30.6	27.0	-14.3	331.1	332.7	99.9	99.9	31.5	86.
39.6	104.0	11373.3	225.0	-56.0	99.9	302.9	35.4	29.7	-19.2	332.7	333.9	99.9	99.9	34.7	89.
42.2	109.4	12119.1	200.0	-59.8	99.9	301.3	30.9	26.4	-16.0	334.2	335.9	99.9	99.9	38.6	92.
45.3	115.3	12943.7	175.0	-61.6	99.9	301.6	36.5	31.1	-19.1	348.3	349.9	99.9	99.9	43.3	94.
48.6	121.3	13693.6	150.0	-65.1	99.9	293.0	32.1	29.4	-13.0	358.6	359.9	99.9	99.9	49.0	99.
52.5	128.5	15024.4	125.0	-57.5	99.9	999.9	99.9	99.9	99.9	390.6	390.9	99.9	99.9	55.1	102.
55.9	99.9	59.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	61.8	103.
58.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS

25 APRIL 1979
1405 GMT

TIME M/Y	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0-0	10-9	937.0	946.0	21.5	14.4	220.0	9.3	0.0	7.1	299.6	229.1	11.0	64.0	0.0	0.
00-0	99-9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00-0	99-9	99.9	975.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00-0	99-9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0-0	12-6	713.6	925.0	20.0	13.7	999.9	99.9	99.9	99.9	300.6	329.5	10.0	64.0	999.9	999.9
1-0	14-0	952.3	900.0	25.3	10.7	999.9	99.9	99.9	99.9	307.6	333.0	9.1	40.2	999.9	999.9
2-0	17-1	1200.1	875.0	25.9	2.2	599.9	99.9	99.9	99.9	310.7	325.8	8.1	21.4	2.2	42.
3-0	19-4	1453.0	850.0	24.0	-1.0	237.7	11.5	9.7	6.1	311.3	323.7	4.2	19.0	2.0	46.
4-2	21-6	1713.5	825.0	22.2	-4.3	237.2	9.0	8.2	5.3	312.0	322.1	3.4	16.6	3.3	40.
5-1	23-9	1978.5	800.0	20.5	-5.0	240.0	10.1	8.7	5.0	313.0	322.5	3.1	16.7	3.0	40.
6-1	26-3	2222.0	775.0	18.1	-7.4	999.9	99.9	99.9	99.9	313.3	321.9	2.0	16.9	4.5	52.
7-2	28-6	2531.2	750.0	15.0	-9.1	999.9	99.9	99.9	99.9	313.8	321.0	2.3	17.2	999.9	999.9
8-3	31-0	2817.3	725.0	13.2	-11.1	999.9	99.9	99.9	99.9	314.0	321.0	2.0	17.1	999.9	999.9
9-4	33-5	3110.0	700.0	10.5	-13.2	599.9	99.9	99.9	99.9	314.1	320.3	2.0	17.4	0.7	89.
10-7	36-0	3411.7	675.0	7.0	-13.6	263.6	13.6	13.5	1.5	314.4	320.6	2.0	20.1	7.0	62.
11-9	38-6	3721.3	650.0	5.2	-15.7	263.7	15.2	15.1	1.7	314.5	320.4	1.7	20.2	8.5	65.
13-1	41.1	4039.9	625.0	2.4	-14.0	269.7	15.1	15.1	0.6	315.2	321.4	2.0	20.9	9.7	67.
14-3	43-0	4368.5	600.0	0.0	-14.0	273.1	15.1	15.1	0.1	316.2	322.0	2.0	31.7	10.7	70.
15-5	46.5	4787.9	575.0	-2.0	-15.4	273.1	14.9	14.9	-0.0	316.2	322.0	2.0	37.7	11.7	71.
16-8	49.3	5050.2	550.0	-5.5	-18.3	281.0	15.3	15.0	-3.1	317.6	322.0	1.6	35.6	12.7	76.
18-2	52.1	5420.0	525.0	-8.9	-21.0	278.0	17.3	17.1	-2.7	317.6	322.2	1.4	34.7	14.0	76.
19-5	55.0	5750.0	500.0	-11.7	-23.0	278.1	15.6	15.5	-2.2	318.2	322.0	1.2	38.1	15.1	78.
20-8	57.9	6127.7	475.0	-14.5	-26.1	266.8	17.5	17.5	1.0	320.0	323.2	1.0	36.6	16.4	79.
22-3	61.0	6595.4	450.0	-17.2	-23.1	259.8	17.2	17.0	3.0	321.0	325.9	1.3	50.0	18.0	79.
23-0	66.1	7020.9	425.0	-21.0	-24.2	267.5	18.1	18.0	0.0	322.0	326.3	1.3	75.7	19.6	80.
25-4	67.4	7466.3	407.0	-24.4	-27.5	273.9	19.5	19.5	-1.3	323.4	326.7	1.0	75.1	21.3	81.
27-1	70.8	7933.7	380.0	-27.4	-29.2	274.9	21.1	21.0	-1.8	325.4	328.5	0.9	84.0	23.3	82.
29-0	74.3	8426.5	350.0	-31.4	-34.5	278.5	23.2	23.0	-2.6	326.4	329.0	0.6	83.0	25.7	83.
30-8	77.9	8946.0	325.0	-35.6	-39.6	279.6	27.1	26.7	-0.9	327.7	329.0	0.4	63.0	28.4	83.
32-7	81.6	9458.7	300.0	-40.0	-45.9	280.8	27.6	26.4	-7.9	329.0	329.9	99.9	99.9	31.6	84.
34-6	85.3	10085.7	275.0	-45.5	-50.9	282.7	27.9	25.7	-10.0	329.3	329.9	99.9	99.9	37.3	91.
36-5	87.7	10713.1	250.0	-51.0	-56.9	291.7	28.4	28.5	-0.0	330.2	329.9	99.9	99.9	49.8	93.
39-0	94.2	11385.0	225.0	-55.0	-59.9	999.9	99.9	99.9	99.9	331.1	329.9	99.9	99.9	999.9	999.9
41-5	99.0	12135.1	200.0	-58.7	-59.9	999.9	99.9	99.9	99.9	339.4	329.9	99.9	99.9	999.9	999.9
44-2	104.0	12968.3	175.0	-63.7	-63.7	99.9	99.9	99.9	99.9	344.0	329.9	99.9	99.9	999.9	999.9
47-2	109.5	13909.1	150.0	-65.0	-65.0	999.9	99.9	99.9	99.9	348.2	329.9	99.9	99.9	999.9	999.9
50-9	115.0	15036.6	125.0	-55.0	-55.0	999.9	99.9	99.9	99.9	358.2	329.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 1
401L-16, TEXAS
25 APRIL 1979
1705 G4T

TIME MIN	CHCT	WEIGHT GPM	PHES MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CNDP M/SEC	V CNDP M/SEC	POT R DO M	E POT Y DEG N	WZ RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	11.5	537.0	944.5	30.0	12.0	240.0	5.1	4.4	2.4	308.2	334.4	9.4	33.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.4	722.4	925.0	27.1	12.6	242.0	7.7	6.8	3.6	307.1	330.0	10.0	40.7	0.2	41.0
1.5	15.0	903.9	900.0	24.6	11.8	249.2	6.4	6.2	2.3	304.9	333.9	9.7	44.7	0.6	57.0
2.4	18.3	1209.9	875.0	22.1	10.8	255.4	7.1	6.8	1.8	306.7	332.7	9.4	48.7	1.0	64.0
3.7	20.7	1461.4	850.0	22.6	1.3	247.0	10.4	9.5	4.1	309.8	324.9	5.2	26.4	1.6	67.0
4.7	23.2	1728.9	825.0	22.5	-2.2	246.1	10.0	9.2	4.1	312.3	324.1	4.0	19.1	2.2	67.0
5.7	25.8	1987.1	800.0	20.3	-3.9	251.5	9.0	8.5	2.9	312.2	323.6	3.6	19.3	2.8	66.0
6.7	28.3	2259.7	775.0	18.2	-5.5	261.3	5.2	9.0	1.4	313.4	323.3	3.3	19.4	3.3	68.0
7.6	30.9	2538.9	750.0	15.5	-6.3	272.2	8.4	8.4	-0.3	313.4	323.1	3.2	21.7	3.7	70.0
8.5	33.6	2825.2	725.0	13.5	-9.2	281.1	9.0	8.9	-1.7	314.2	322.4	2.6	19.7	4.2	73.0
9.5	36.2	3110.8	700.0	10.5	-10.7	299.9	99.9	99.9	99.9	314.2	321.7	2.4	21.4	999.9	999.9
10.4	39.0	3420.0	675.0	8.0	-9.1	299.9	99.9	99.9	99.9	314.4	323.3	2.9	28.7	999.9	999.9
11.7	41.8	3730.1	650.0	5.5	-11.4	299.9	99.9	99.9	99.9	315.2	322.6	2.5	28.3	999.9	999.9
12.9	44.6	4049.7	625.0	4.7	-12.5	299.9	99.9	99.9	99.9	316.7	323.3	2.3	28.8	999.9	999.9
14.2	47.5	4379.5	600.0	0.5	-14.4	299.9	99.9	99.9	99.9	316.9	323.3	2.1	31.6	7.2	45.0
15.4	50.5	4718.3	575.0	-3.48	-17.0	283.1	11.0	11.5	-2.7	316.9	321.6	1.8	34.1	8.0	87.0
16.9	53.5	5067.8	550.0	-6.58	-19.7	286.9	15.1	14.4	-4.4	316.9	321.1	1.5	34.1	9.1	89.0
18.3	56.6	5420.3	525.0	-9.6	-20.6	286.9	14.0	13.4	-4.1	316.9	321.4	1.4	40.3	10.3	91.0
19.0	59.4	5804.0	500.0	-12.8	-20.9	299.9	99.9	99.9	99.9	317.4	322.1	1.4	50.4	999.9	999.9
21.2	63.0	6193.0	475.0	-14.9	-22.8	299.9	99.9	99.9	99.9	319.8	323.7	1.3	50.4	999.9	999.9
22.7	66.4	6601.9	450.0	-17.0	-24.2	299.9	99.9	99.9	99.9	323.1	325.3	1.0	44.3	999.9	999.9
24.1	69.9	7026.1	425.0	-20.2	-30.2	299.9	99.9	99.9	99.9	325.2	326.5	0.7	40.4	999.9	999.9
25.7	73.4	7475.8	400.0	-22.8	-35.2	299.9	99.9	99.9	99.9	329.2	327.8	0.4	23.4	999.9	999.9
27.5	77.1	7965.8	375.0	-26.1	-43.3	299.9	99.9	99.9	99.9	327.6	327.8	0.2	17.9	999.9	999.9
29.4	80.9	8439.7	350.0	-30.5	-48.9	299.9	99.9	99.9	99.9	327.6	326.2	0.2	17.9	999.9	999.9
31.3	84.8	8961.4	325.0	-34.8	-54.3	299.9	99.9	99.9	99.9	329.4	329.2	0.1	15.1	999.9	999.9
33.4	89.0	9514.4	300.0	-39.7	-54.3	299.9	99.9	99.9	99.9	329.4	329.7	0.1	15.1	999.9	999.9
35.6	93.4	10103.3	275.0	-44.5	-59.9	299.9	99.9	99.9	99.9	329.4	329.7	0.1	15.1	999.9	999.9
37.9	98.0	10733.6	250.0	-50.0	-59.9	307.0	32.5	26.0	-19.8	330.6	329.9	99.9	999.9	33.5	112.0
40.4	103.0	11419.6	225.0	-54.2	-59.9	303.0	33.6	27.9	-18.7	335.8	329.9	99.9	999.9	38.1	114.0
42.7	109.2	12168.8	200.0	-59.6	-59.9	298.6	32.0	28.0	-25.7	338.3	329.9	99.9	999.9	42.9	115.0
45.3	114.0	12998.7	175.0	-59.8	-59.9	299.9	99.9	99.9	99.9	351.3	329.9	99.9	999.9	47.4	116.0
48.1	120.3	13943.5	150.0	-65.4	-59.9	299.9	99.9	99.9	99.9	357.2	329.9	99.9	999.9	999.9	999.9
51.5	127.3	15078.0	125.0	-74.7	-59.9	299.9	99.9	99.9	99.9	368.7	329.9	99.9	999.9	999.9	999.9
55.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ADILEME, TEXAS
28 APRIL 1979
2005 GAT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	QEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	RX RTO GA/KG	RN PCT	RANGE KM	AZ DEG
0.0	13.2	537.0	942.5	22.5	6.7	160.0	5.1	-1.7	4.8	310.9	329.7	0.5	20.0	0.0	0.
0.9	99.9	59.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	59.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	13.7	705.0	925.0	30.5	7.4	270.3	5.3	5.3	-0.6	310.2	330.7	7.0	23.6	0.1	00.
1.5	15.8	949.0	900.0	26.9	6.1	276.6	6.4	6.3	-0.7	311.3	330.3	6.0	23.7	0.4	99.
2.4	18.0	1198.2	875.0	26.6	4.2	288.7	5.2	4.9	-1.7	311.4	328.4	5.9	23.8	0.7	97.
3.4	20.3	1452.7	850.0	24.0	4.6	300.9	5.7	4.9	-2.9	311.3	329.4	6.3	20.3	1.0	103.
4.6	22.5	1712.5	825.0	21.4	2.4	303.3	5.5	4.6	-3.0	311.3	327.4	5.5	20.4	1.4	109.
5.0	24.8	1977.6	800.0	18.0	1.8	303.0	5.6	4.6	-3.1	311.3	327.3	5.5	32.1	1.9	114.
7.1	27.1	2246.0	775.0	16.5	2.6	306.0	6.3	5.1	-3.7	311.2	328.9	6.0	39.2	2.3	115.
6.2	29.4	2516.8	750.0	13.8	2.2	312.0	6.7	5.0	-4.6	311.2	328.9	6.0	45.4	2.7	116.
9.1	31.8	2811.2	725.0	10.0	-0.2	299.8	6.9	6.0	-3.5	311.2	326.8	5.2	46.2	3.0	119.
12.0	34.2	3103.1	700.0	5.3	-5.8	275.4	8.1	9.0	-0.8	312.1	323.4	3.5	33.8	3.6	117.
10.8	37.6	3403.5	675.0	7.2	-9.2	260.3	9.2	9.0	1.6	313.7	322.4	2.8	30.0	3.8	110.
11.7	39.2	3712.3	650.0	4.3	-10.6	251.0	8.7	8.2	2.0	313.6	321.9	2.6	32.8	4.2	110.
12.0	41.7	4038.0	625.0	1.6	-11.9	257.8	8.6	8.6	1.9	314.2	321.9	2.5	35.7	4.6	105.
14.0	44.3	4357.1	600.0	-1.3	-15.7	267.9	9.6	9.6	0.3	314.6	320.5	1.9	32.5	5.2	103.
15.2	47.0	4654.8	575.0	-2.2	-16.8	267.4	11.9	11.9	0.5	316.2	321.9	1.8	34.1	6.0	101.
15.4	49.7	5045.6	550.0	-4.8	-18.7	273.2	13.8	13.8	-0.9	316.4	323.5	1.6	32.5	7.0	99.
17.7	52.6	5410.6	525.0	-6.9	-20.9	278.5	15.5	15.5	-2.4	320.2	324.7	1.4	31.6	8.3	99.
14.9	55.3	5789.0	500.0	-10.1	-23.6	278.8	14.9	14.7	-2.3	320.7	324.4	1.1	31.6	9.4	99.
21.4	58.3	6182.0	475.0	-13.1	-29.8	278.7	16.2	16.0	-2.4	321.7	324.1	0.7	23.4	10.5	99.
21.4	61.3	6592.8	450.0	-15.1	-34.0	288.2	18.8	17.9	-5.9	324.1	325.8	0.4	17.8	11.9	99.
22.7	64.6	7021.4	425.0	-19.2	-37.8	300.7	17.0	16.7	-8.7	324.7	325.7	0.3	17.4	13.2	101.
24.0	67.6	7462.8	400.0	-23.3	-41.1	301.9	17.1	17.5	-9.1	324.7	325.7	0.3	17.7	14.5	103.
25.5	71.0	7936.6	375.0	-27.6	-44.5	295.6	18.2	18.4	-7.8	325.0	326.7	0.2	18.1	15.9	105.
27.2	74.4	8429.1	350.0	-31.2	-47.7	287.7	21.6	20.6	-8.6	326.1	327.6	0.1	18.4	18.0	105.
29.3	76.8	8968.3	325.0	-36.0	-48.9	293.1	20.2	20.1	-10.3	327.1	327.6	0.1	24.8	20.9	106.
31.2	81.7	9469.9	300.0	-40.1	-49.9	308.6	25.5	28.5	-21.1	328.5	328.5	99.9	99.9	24.3	108.
31.1	85.5	10028.1	275.0	-44.5	-50.9	309.5	41.5	32.0	-26.4	330.6	330.6	99.9	99.9	28.5	111.
33.1	89.7	10718.7	250.0	-49.9	-59.9	305.6	47.2	38.3	-27.6	331.5	331.5	99.9	99.9	31.7	113.
37.0	96.6	11348.1	225.0	-55.3	-59.9	310.2	44.8	34.2	-28.9	333.9	333.9	99.9	99.9	36.8	116.
37.1	98.6	12140.0	200.0	-60.7	-59.9	301.5	40.7	34.5	-21.5	336.7	336.7	99.9	99.9	44.1	117.
41.9	103.6	12668.0	175.0	-62.0	-59.9	308.7	48.1	39.6	-23.8	347.6	347.6	99.9	99.9	51.4	117.
46.7	104.0	13907.5	150.0	-67.7	-49.9	304.2	28.1	23.2	-15.8	353.4	353.4	99.9	99.9	57.5	117.
49.1	115.3	15012.2	125.0	-73.3	-59.9	99.9	99.9	99.9	99.9	380.4	380.4	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	55.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 1
ABILENE, TEXAS
25 APRIL 1979
2330 GMT

TIME M/T	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	537.0	942.3	28.4	11.6	20.0	7.7	-2.6	-7.2	306.7	331.3	8.8	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.9	701.3	925.0	28.9	15.1	13.9	10.6	-2.5	-10.3	306.6	339.2	11.8	48.4	0.5	195.
1.6	16.3	943.2	900.0	25.0	13.9	4.4	12.9	-1.6	-12.6	307.3	338.3	11.2	50.0	1.1	191.
2.4	18.6	1109.8	875.0	22.6	12.6	0.6	12.9	-0.2	-12.9	307.2	336.5	10.6	53.2	1.6	187.
3.3	21.3	1441.6	850.0	20.5	11.0	2.8	12.0	-0.6	-12.0	307.7	334.9	9.8	54.3	2.4	186.
4.2	23.8	1656.7	825.0	18.0	8.8	5.1	10.7	-1.0	-10.6	307.7	332.1	8.7	54.6	3.1	185.
5.1	26.3	1942.4	800.0	17.7	3.6	16.6	5.1	-1.0	-5.0	310.0	328.0	6.2	59.2	3.5	186.
6.1	28.9	2232.9	775.0	15.7	2.8	11.5	1.3	-0.3	-1.2	310.7	328.3	6.1	41.8	3.6	186.
7.0	31.5	2510.4	750.0	13.5	0.8	95.6	1.3	-1.3	0.1	311.2	327.0	5.4	41.8	3.6	186.
8.0	34.1	2795.4	725.0	11.7	-0.9	215.7	4.7	2.4	3.8	312.3	326.9	4.9	41.5	3.5	185.
9.1	36.8	3086.1	700.0	9.9	-3.4	231.6	8.3	6.5	5.1	313.4	326.2	4.3	39.2	3.2	179.
10.2	39.6	3389.1	675.0	7.2	-6.4	233.9	11.4	8.9	6.5	314.0	323.4	3.5	37.3	2.6	163.
11.3	42.3	3652.0	650.0	4.4	-8.5	242.4	11.8	10.5	5.5	314.0	323.4	3.1	38.2	2.6	153.
12.6	45.2	4016.2	625.0	2.3	-11.4	260.7	13.1	12.9	2.1	315.1	323.0	2.6	35.4	2.9	135.
13.7	48.0	4344.7	600.0	0.5	-13.5	278.6	15.0	14.8	-2.5	316.7	323.7	2.2	34.1	3.6	126.
14.9	51.0	4684.3	575.0	-2.4	-16.6	291.9	16.1	14.9	-6.0	317.2	323.0	1.8	32.5	4.7	120.
16.2	54.1	5036.0	550.0	-4.5	-18.4	286.8	16.9	16.2	-4.9	316.2	324.1	1.6	32.7	6.0	118.
17.5	57.1	5409.8	525.0	-7.1	-19.7	281.2	16.9	16.5	-3.3	319.2	324.8	1.5	35.7	7.3	116.
18.9	60.4	5775.4	500.0	-10.4	-21.2	278.2	18.0	17.8	-2.6	320.4	325.0	1.4	40.5	8.7	113.
20.3	63.7	6172.5	475.0	-13.1	-20.0	282.7	17.7	17.2	-3.9	321.2	325.0	1.0	32.5	10.2	111.
21.8	67.0	6582.5	450.0	-15.9	-28.6	286.5	19.1	17.2	-5.8	323.3	326.0	0.8	32.8	11.7	110.
23.3	70.3	7011.1	425.0	-18.8	-32.1	285.9	18.5	17.8	-5.1	324.8	327.0	0.6	29.8	13.4	110.
24.8	73.9	7468.1	400.0	-21.6	-36.8	286.6	20.4	19.4	-6.3	326.7	328.1	0.4	24.0	15.2	110.
26.3	77.6	7931.5	375.0	-24.1	-43.3	297.2	22.9	20.4	-10.5	327.0	328.2	0.3	26.1	17.3	110.
28.1	81.4	8426.7	350.0	-30.2	-48.9	307.6	23.9	19.3	-14.1	328.0	328.9	0.2	26.3	19.5	111.
29.8	85.3	8948.2	325.0	-34.3	-48.9	307.6	27.4	21.7	-16.7	329.4	330.0	0.2	26.5	22.1	113.
31.7	89.5	9507.5	300.0	-39.1	-49.2	299.6	30.9	26.6	-16.4	330.2	330.8	0.1	33.2	25.2	115.
33.7	94.0	10094.7	275.0	-43.5	99.9	295.2	33.2	30.0	-14.1	332.2	333.2	99.9	99.9	29.1	115.
35.7	98.6	10725.9	250.0	-48.3	99.9	294.2	37.6	34.3	-15.4	334.2	334.2	99.9	99.9	33.3	115.
37.8	103.4	11414.5	225.0	-54.3	99.9	295.2	35.3	32.0	-15.1	335.3	335.3	99.9	99.9	36.0	115.
40.3	108.6	12158.7	200.0	-60.5	99.9	292.9	33.7	31.1	-13.1	337.0	337.0	99.9	99.9	42.8	115.
42.8	114.3	12983.4	175.0	-62.1	59.9	297.4	51.6	45.8	-23.7	345.6	345.6	99.9	99.9	49.1	115.
45.9	120.0	13932.8	150.0	-63.4	99.9	301.5	35.7	30.4	-18.7	360.8	360.8	99.9	99.9	57.6	116.
49.5	128.0	15059.3	125.0	-62.8	99.9	294.7	26.2	23.8	-11.0	362.7	362.7	99.9	99.9	63.9	116.
53.5	135.7	16434.1	100.0	-62.3	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* JY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS
26 APRIL 1979
214 GHT

TIME M/Y	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.9	537.0	946.2	20.7	11.0	10.0	0.0	-1.5	-8.7	298.2	323.1	9.1	56.0	0.0	0.
05.9	99.9	99.9	1000.0	85.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	92.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	12.7	733.0	925.0	19.9	11.2	999.9	99.9	99.9	99.9	299.8	324.2	9.1	57.4	999.9	999.9
1.6	14.3	568.9	500.0	18.1	10.5	999.9	99.9	99.9	99.9	300.2	324.4	8.9	61.3	999.9	999.9
2.6	17.0	1210.1	875.0	17.4	10.1	999.9	99.9	99.9	99.9	301.4	326.3	8.9	62.2	999.9	999.9
3.5	19.2	1458.4	850.0	17.4	12.8	999.9	99.9	99.9	99.9	304.4	334.7	11.1	74.6	999.9	999.9
4.4	21.4	1713.6	825.0	15.9	12.8	26.1	5.4	-3.4	-4.8	305.4	336.8	11.5	82.2	3.1	180.
5.4	23.6	1975.4	800.0	15.6	8.4	999.9	99.9	99.9	99.9	307.6	332.2	8.7	62.5	3.3	183.
6.4	26.0	2245.1	775.0	16.2	1.6	999.9	99.9	99.9	99.9	314.2	327.4	9.6	37.3	999.9	999.9
7.4	29.3	2523.5	750.0	15.1	-1.4	999.9	99.9	99.9	99.9	313.8	326.7	4.6	32.1	999.9	999.9
8.5	30.7	2809.3	725.0	12.3	-3.9	999.9	99.9	99.9	99.9	312.5	324.8	4.0	32.1	999.9	999.9
9.6	33.1	3102.2	700.0	9.9	-4.6	271.2	11.8	11.8	-0.3	313.4	325.1	3.9	35.7	3.6	154.
10.7	35.5	3402.9	675.0	7.1	-5.6	274.3	11.8	11.8	-0.9	313.6	324.9	3.7	39.9	4.0	145.
11.8	33.0	3711.7	650.0	4.2	-6.5	999.9	99.9	99.9	99.9	313.7	324.6	3.6	45.4	999.9	999.9
12.9	40.6	4029.6	625.0	1.5	-8.0	999.9	99.9	99.9	99.9	314.2	324.4	3.4	49.1	999.9	999.9
14.1	43.2	4357.1	600.0	-0.9	-11.3	999.9	99.9	99.9	99.9	315.1	323.5	2.7	44.8	999.9	999.9
15.3	45.8	4659.1	575.0	-4.0	-14.5	999.9	99.9	99.9	99.9	315.2	322.0	2.2	43.8	999.9	999.9
16.7	49.6	5044.4	550.0	-6.2	-14.3	999.9	99.9	99.9	99.9	316.7	323.9	2.3	52.5	999.9	999.9
17.9	51.2	5407.3	525.0	-8.3	-16.8	999.9	99.9	99.9	99.9	318.2	324.8	2.0	50.9	999.9	999.9
19.3	54.1	5764.3	500.0	-11.1	-19.4	999.9	99.9	99.9	99.9	319.5	324.8	1.6	50.4	999.9	999.9
20.7	57.0	6176.8	475.0	-13.3	-23.7	999.9	99.9	99.9	99.9	321.5	325.4	1.2	41.2	999.9	999.9
22.2	59.9	6587.5	450.0	-15.3	-30.5	269.4	28.7	28.7	0.2	324.0	326.4	0.7	25.7	13.4	116.
23.8	63.0	7017.1	425.0	-18.0	-34.8	279.6	19.6	19.3	-3.2	325.5	327.5	0.5	21.4	15.1	114.
25.4	66.3	7466.9	400.0	-22.1	-36.4	285.6	19.6	19.9	-4.3	326.2	327.7	0.4	25.8	17.0	112.
27.2	69.6	7938.0	375.0	-25.5	-40.9	293.4	20.2	19.1	-8.3	327.6	328.9	0.3	21.9	19.1	112.
29.9	73.0	8434.2	350.0	-29.5	-43.5	294.2	23.1	21.1	-9.5	329.8	329.8	0.2	24.1	21.4	112.
32.6	76.6	8958.0	325.0	-34.4	-41.4	294.0	25.5	23.3	-10.4	329.2	330.4	0.3	49.0	23.0	112.
32.5	83.3	9511.9	300.0	-38.6	-48.1	299.2	29.1	21.6	-12.2	331.8	331.6	0.2	35.6	26.6	113.
34.5	86.2	10103.3	275.0	-43.9	99.9	303.3	26.1	21.8	-14.3	331.7	999.9	99.9	999.9	29.7	114.
36.8	89.3	10735.9	250.0	-45.3	99.9	296.1	33.2	29.4	-14.6	332.5	999.9	99.9	999.9	33.7	115.
38.9	92.6	11418.9	225.0	-54.7	99.9	293.8	37.5	30.3	-15.2	334.7	999.9	99.9	999.9	39.2	115.
41.2	97.2	12164.0	200.0	-55.2	99.9	291.3	44.5	41.5	-16.1	339.0	999.9	99.9	999.9	43.9	116.
43.8	102.3	12989.0	175.0	-64.3	99.9	297.4	50.9	45.2	-23.5	343.6	999.9	99.9	999.9	51.6	116.
46.5	107.9	13934.9	150.0	-82.9	99.9	303.8	38.6	32.3	-21.4	341.7	999.9	99.9	999.9	58.8	115.
49.8	113.8	15046.7	125.0	-64.0	99.9	297.2	28.3	25.4	-12.0	379.2	999.9	99.9	999.9	65.1	115.
53.8	120.7	16416.1	100.0	-62.3	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.9
56.9	99.9	99.9	75.0	56.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ARILENE, TEXAS
26 APRIL 1979
SIO GUY

TIME MIN	CNTCT	WIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 2 DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.6	537.0	949.5	15.7	9.6	10.0	6.2	-1.1	-6.1	293.2	314.2	7.9	67.0	0.0	0.
5.9	99.9	1000.0	99.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	12.7	750.0	525.0	14.2	9.9	15.7	13.1	-3.5	-12.6	293.2	317.0	8.5	99.9	0.5	192.
1.5	14.9	999.0	900.0	12.5	9.8	17.3	12.1	-3.6	-11.5	294.4	317.0	8.5	99.9	1.1	192.
2.3	17.1	1225.2	875.0	16.7	9.6	17.3	12.2	-3.6	-11.6	294.5	317.0	8.7	93.0	1.6	192.
3.2	19.3	1459.6	850.0	14.6	13.6	5.0	10.7	-0.9	-10.7	301.4	331.6	11.2	90.4	2.3	194.
4.2	21.5	1725.0	825.0	15.3	7.1	356.1	5.3	0.4	-5.2	309.6	330.8	7.7	45.1	2.7	194.
5.1	23.8	1598.9	800.0	17.1	6.4	298.0	5.8	5.2	-2.7	309.2	330.9	7.6	49.6	2.8	187.
6.1	26.2	2259.2	775.0	15.9	0.7	279.6	6.1	6.0	-1.0	310.5	326.2	5.2	35.6	2.9	183.
7.0	28.5	2537.0	750.0	14.2	-0.5	269.5	10.6	10.6	0.1	312.6	326.6	4.9	36.3	2.9	173.
8.1	30.9	2922.2	725.0	11.8	-1.8	273.9	11.4	11.4	-0.8	312.5	326.2	4.6	36.5	3.1	159.
9.2	33.4	3114.8	700.0	5.6	-4.1	276.3	11.1	11.1	-1.2	313.1	325.2	4.0	37.7	3.5	149.
10.2	35.8	3415.3	675.0	7.2	-4.8	283.6	12.5	12.2	-2.9	313.7	325.6	4.0	42.2	4.0	141.
11.4	38.4	3724.3	650.0	4.1	-6.8	290.7	14.0	13.1	-4.0	313.6	324.3	3.5	44.9	4.8	135.
12.6	40.9	4041.6	625.0	1.3	-7.5	295.4	15.2	13.8	-6.5	314.8	324.5	3.5	51.7	5.8	131.
13.8	43.6	4368.7	600.0	-1.4	-10.0	299.1	16.9	14.8	-8.2	314.5	323.7	3.0	51.8	7.0	127.
15.0	46.2	4708.1	575.0	-4.5	-14.5	297.2	14.6	12.9	-6.7	314.7	321.5	2.2	45.4	8.1	127.
16.4	49.0	5054.9	550.0	-6.4	-17.3	293.4	14.5	13.3	-5.7	316.5	322.2	1.8	41.6	9.2	126.
17.6	51.8	5417.3	525.0	-8.8	-20.7	287.9	17.4	16.5	-5.3	317.4	322.4	1.4	37.4	10.4	124.
18.9	54.7	5754.1	500.0	-10.5	-27.7	283.8	18.3	17.8	-4.4	320.3	323.0	0.8	22.9	11.7	122.
20.2	57.6	6188.7	475.0	-13.5	-25.8	286.5	18.0	17.2	-5.1	321.2	324.5	1.0	34.6	13.0	120.
21.6	60.6	6595.9	450.0	-16.2	-28.6	289.4	17.8	16.2	-5.9	322.5	325.6	0.8	33.2	14.6	119.
23.3	63.4	7024.3	425.0	-18.3	-33.7	280.4	16.8	15.6	-3.0	325.5	327.4	0.5	24.4	16.2	117.
24.8	66.9	7473.5	400.0	-21.6	-36.6	285.2	16.2	15.6	-4.2	328.5	328.4	0.4	24.1	17.7	116.
26.4	70.3	7946.5	375.0	-24.9	-39.4	281.1	18.3	18.0	-3.5	328.6	329.8	0.3	24.3	19.3	115.
28.0	73.7	8443.7	350.0	-30.0	-40.1	279.1	20.6	20.3	-3.3	328.3	329.5	0.3	36.8	21.3	114.
30.0	77.3	8967.5	325.0	-33.9	-42.1	273.9	20.4	20.4	-1.4	330.0	331.0	0.3	43.1	23.3	112.
31.8	80.9	9523.2	300.0	-38.2	-43.3	270.6	24.1	24.1	-0.2	331.6	332.6	0.3	58.0	25.6	110.
33.9	84.8	10116.3	275.0	-42.7	99.9	276.8	24.6	24.5	-2.9	333.4	333.7	99.9	99.9	28.6	108.
36.1	89.0	10751.5	250.0	-48.0	99.9	284.8	28.8	27.8	-7.3	336.7	339.9	99.9	99.9	31.8	108.
38.2	93.2	11437.9	225.0	-52.5	99.9	287.8	37.8	36.0	-11.6	338.6	340.9	99.9	99.9	34.0	107.
40.4	98.0	12108.8	200.0	-59.0	99.9	293.7	50.7	46.4	-20.4	339.4	340.9	99.9	99.9	41.7	108.
42.9	103.2	13013.3	175.0	-63.7	99.9	296.1	51.0	45.8	-22.4	344.8	345.9	99.9	99.9	49.9	109.
45.4	108.6	13958.4	150.0	-64.1	99.9	296.5	56.8	54.7	-17.3	350.6	350.9	99.9	99.9	54.3	110.
48.0	114.8	15064.9	125.0	-66.8	99.9	292.3	29.6	27.3	-11.2	347.4	349.9	99.9	99.9	61.5	110.
51.3	122.0	16420.3	100.0	-64.5	99.9	99.9	99.9	99.9	99.9	403.2	99.9	99.9	99.9	99.9	99.9
94.9	99.9	98.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS

26 APRIL 1979
015 GHT

TIME MUT	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT HT DEG K	E POT T DEG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.7	537.0	950.5	13.5	7.1	360.0	7.7	0.0	-7.7	290.5	308.5	6.7	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	10.7	541.6	550.0	12.3	6.8	308.9	8.4	6.5	-5.3	290.7	308.0	6.5	64.6	0.0	336.
0.8	13.0	764.9	925.0	11.5	6.3	4.3	12.7	-1.0	-12.7	291.1	308.3	6.5	70.5	0.6	188.
1.7	15.2	993.3	900.0	5.4	6.2	11.0	15.5	-3.0	-19.3	291.8	308.8	6.6	80.1	1.2	187.
2.4	17.4	1227.0	875.0	8.4	6.9	20.2	17.2	-5.9	-16.2	292.5	311.7	7.2	90.9	2.0	191.
3.3	19.6	1468.6	850.0	11.1	10.4	20.2	15.1	-5.5	-15.1	297.6	322.8	9.4	95.1	2.9	194.
4.2	22.0	1718.7	825.0	11.1	9.4	4.9	13.8	-1.1	-13.0	300.4	324.9	9.0	99.1	3.7	194.
5.1	24.3	1977.1	800.0	13.6	2.3	336.8	7.7	3.0	-7.1	305.6	321.7	5.7	48.3	4.2	192.
6.1	26.6	2245.1	775.0	14.2	4.3	252.8	5.9	5.6	1.7	309.1	328.5	6.8	51.6	4.3	189.
7.1	29.1	2521.9	750.0	13.6	3.2	256.9	9.5	9.3	2.1	311.4	330.1	6.5	49.5	4.1	184.
8.2	31.5	2807.2	725.0	12.2	-3.3	284.0	12.6	12.5	1.3	312.8	325.2	4.2	33.9	4.0	174.
9.2	34.0	3055.9	700.0	5.8	-4.7	270.1	14.0	14.0	-0.0	313.4	325.0	3.9	35.5	4.1	162.
10.2	36.5	3401.0	675.0	7.4	-5.1	275.7	15.0	14.9	-1.8	313.8	325.6	3.9	40.6	4.5	152.
11.3	39.0	3710.3	650.0	4.9	-5.4	283.4	16.9	16.8	-3.4	314.2	326.4	3.9	47.3	5.2	143.
12.4	41.6	4029.2	625.0	1.9	-6.6	289.5	14.4	13.5	-4.8	314.7	325.9	3.7	52.9	6.0	137.
13.6	44.3	4357.1	600.0	-1.1	-7.5	288.9	14.9	14.0	-5.1	314.5	325.9	3.6	61.7	7.0	134.
14.9	47.0	4654.5	575.0	-4.9	-9.5	286.2	16.3	15.6	-4.5	314.2	324.1	3.2	70.2	8.0	130.
16.1	49.8	5042.2	550.0	-8.5	-9.5	287.3	15.9	15.2	-4.7	314.0	324.2	3.4	92.4	9.1	127.
17.5	52.6	5403.0	525.0	-5.7	-14.0	293.2	15.6	14.3	-6.1	316.6	324.5	2.5	70.9	10.4	125.
19.8	55.4	5779.3	500.0	-10.7	-15.9	293.0	16.2	14.9	-6.4	320.0	327.0	2.2	65.7	11.6	124.
20.3	58.4	6171.5	475.0	-14.2	-19.3	283.0	15.6	15.2	-3.5	320.4	326.0	1.7	65.3	13.0	122.
21.8	61.5	6579.7	450.0	-17.2	-20.5	277.3	16.5	16.4	-2.1	321.8	327.0	1.7	75.4	14.4	120.
23.4	64.6	7005.3	425.0	-20.8	-24.4	274.6	16.4	16.4	-1.3	322.2	326.5	1.2	72.8	15.6	118.
24.9	67.9	7450.8	400.0	-24.2	-28.1	277.4	17.0	16.9	-3.2	323.6	326.7	0.9	69.7	17.2	116.
26.5	71.1	7918.1	375.0	-27.8	-31.4	278.7	20.2	19.9	-3.1	324.9	327.4	0.7	70.7	18.8	114.
28.1	74.7	8406.5	350.0	-32.1	-35.9	275.7	22.9	22.8	-2.7	325.2	327.2	0.5	68.7	20.8	112.
30.0	78.3	8930.5	325.0	-34.4	-39.9	282.6	27.3	26.7	-5.9	329.2	330.6	0.4	56.7	23.6	111.
31.4	82.0	9425.1	300.0	-38.7	-45.1	286.6	32.3	30.9	-9.2	330.6	331.7	0.2	50.2	25.6	110.
33.7	86.0	10076.4	275.0	-43.5	-49.9	285.6	35.6	34.3	-9.6	332.2	332.9	99.9	99.9	30.7	110.
35.7	90.2	10716.5	250.0	-48.7	-59.9	281.0	34.9	34.3	-6.7	333.7	333.9	99.9	99.9	34.8	109.
37.7	94.6	11393.7	225.0	-54.4	-69.9	287.1	40.8	39.0	-12.0	334.4	334.9	99.9	99.9	38.3	108.
39.8	99.2	12139.6	200.0	-58.9	-79.9	291.9	53.9	50.0	-20.1	339.3	339.9	99.9	99.9	45.1	109.
41.9	104.4	12968.1	175.0	-63.6	-89.9	287.7	46.8	42.8	-14.8	345.1	345.9	99.9	99.9	51.4	109.
43.9	109.8	13915.4	150.0	-64.2	-99.9	99.9	99.9	99.9	99.9	350.6	350.9	99.9	99.9	99.9	99.9
46.1	115.0	15020.4	125.0	-66.7	-99.5	99.9	99.9	99.9	99.9	374.2	374.9	99.9	99.9	99.9	99.9
99.9	99.9	98.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
 ABILENE, TEXAS

 26 APRIL 1979
 1105 GMT

124 99. 0

TIME MIN	CHTCY	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	11.2	537.0	551.0	11.0	5.2	360.0	5.1	0.0	-5.1	289.1	304.6	64.0	0.0	0.
59.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	575.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	11.3	545.8	950.0	11.7	5.1	321.6	5.4	3.4	-4.3	289.1	304.6	64.1	0.0	341.
0.0	13.6	768.3	925.0	9.0	4.3	18.8	9.9	-3.2	-9.4	289.3	304.3	68.6	0.3	192.
1.5	16.0	995.7	900.0	9.1	-0.5	31.3	14.7	-7.6	-12.5	290.8	302.2	4.1	50.9	0.9 198.
2.4	18.3	1238.4	875.0	11.7	0.3	40.0	16.1	-10.3	-12.3	298.4	308.4	4.5	45.4	1.7 209.
3.2	20.8	1473.0	850.0	12.1	-3.1	34.9	14.4	-9.4	-13.8	298.6	309.6	34.5	2.5	212.
4.2	23.2	1723.2	825.0	12.7	-9.3	32.7	15.7	-6.5	-13.2	302.0	308.8	20.7	3.4	212.
5.1	25.7	1980.7	800.0	11.0	2.6	34.3	13.9	-7.8	-11.5	302.4	319.2	5.8	4.3	212.
6.0	28.2	2245.2	775.0	10.2	0.4	2.8	6.4	-0.3	-6.4	302.6	319.4	5.1	50.6	4.9 213.
7.0	30.8	2516.7	750.0	10.4	1.5	254.0	5.3	5.1	1.5	307.6	324.2	5.7	53.8	4.8 212.
7.9	33.3	2800.8	725.0	9.6	-0.9	258.4	10.5	10.3	2.1	310.8	324.6	5.0	48.2	4.5 208.
9.0	36.0	3091.9	700.0	9.0	-6.8	265.1	14.6	14.5	1.3	312.4	324.4	3.3	32.1	4.1 198.
10.1	38.7	3392.0	675.0	6.6	-6.9	267.2	15.1	15.0	0.7	313.0	323.3	3.4	37.5	3.8 184.
11.2	41.4	3708.3	650.0	3.9	-6.5	271.2	13.9	13.9	-0.3	313.4	324.3	3.6	46.8	3.8 170.
12.3	44.1	4017.5	625.0	0.9	-7.2	273.4	12.3	12.3	-0.7	313.5	324.2	3.6	54.3	4.2 157.
13.5	47.0	4343.5	600.0	-2.6	-8.3	278.0	12.9	12.7	-1.0	313.2	323.5	3.4	64.6	4.6 148.
14.7	49.0	4679.7	575.0	-5.6	-8.2	284.3	14.8	14.4	-3.7	313.4	324.2	82.4	5.3	141.
15.9	52.9	5026.8	550.0	-8.7	-8.8	286.1	16.0	15.4	-4.4	313.6	324.7	99.0	6.3	136.
17.3	55.9	5387.0	525.0	-9.5	-12.0	287.5	18.5	17.7	-5.6	317.1	325.5	2.7	76.6	7.6 129.
18.6	59.0	5762.1	500.0	-12.3	-15.3	287.2	21.0	20.1	-6.2	318.7	325.3	2.3	78.3	9.1 126.
20.0	62.1	6152.3	475.0	-15.6	-16.8	284.1	21.0	20.4	-5.1	318.7	325.6	90.2	10.7	123.
21.3	65.5	6558.2	450.0	-18.8	-20.4	277.8	20.3	20.1	-2.8	319.7	325.1	66.6	12.3	129.
22.7	68.9	6981.8	425.0	-21.9	-23.9	275.2	20.8	20.7	-1.9	320.8	325.2	83.4	13.9	117.
24.3	72.4	7428.8	400.0	-24.9	-27.0	270.7	23.6	23.5	-0.3	322.6	326.1	82.5	15.8	114.
25.9	76.0	7892.3	375.0	-27.2	-29.7	265.5	24.7	24.6	1.9	325.6	326.5	79.6	17.8	111.
27.5	79.8	8385.5	350.0	-31.5	-33.9	270.5	26.0	26.0	-0.3	326.3	326.5	0.6	20.2	106.
29.2	83.7	8906.8	325.0	-34.9	-37.9	276.2	28.1	28.0	-3.0	328.6	330.1	0.4	23.0	106.
30.9	87.8	9460.3	300.0	-35.4	-42.9	279.0	31.1	30.7	-4.9	329.8	330.9	69.2	26.1	103.
32.6	92.2	10049.1	275.0	-43.9	-49.9	281.2	29.5	28.9	-5.8	331.6	330.9	99.9	29.4	104.
34.8	96.8	10681.4	250.0	-49.8	-54.0	281.3	30.6	30.6	-7.2	333.2	330.9	99.9	33.3	104.
37.0	101.6	11366.0	225.0	-54.0	-59.9	279.1	41.0	41.2	-6.6	335.7	330.9	99.9	36.5	104.
39.3	107.0	12111.5	200.0	-58.0	-59.9	273.7	52.7	51.2	-13.4	337.5	330.9	99.9	45.0	103.
41.8	112.8	12937.1	175.0	-63.1	-63.1	269.2	43.6	43.1	-15.0	345.6	330.9	99.9	53.0	104.
44.7	119.0	13892.8	150.0	-61.7	-61.7	267.6	32.2	30.7	-9.8	363.6	330.9	99.9	59.2	104.
47.5	125.8	15627.0	125.0	-66.5	-66.5	261.7	26.9	26.3	-5.4	374.2	330.9	99.9	64.2	104.
51.4	133.7	16364.1	100.0	-65.4	-65.4	99.9	99.9	99.9	99.9	401.8	330.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
 BARTLESVILLE, OKLAHOMA

 25 APRIL 1979
 1403 GMT

TIME MID	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	WX RTG GM/KG	RH PCY	RANGE KM	AZ DEG
0.0	8.1	284.0	168.1	16.8	12.7	170.0	3.6	-0.6	3.5	292.7	317.8	9.6	77.0	113	102.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.7	445.0	950.0	17.6	13.3	299.5	18.3	15.9	-8.0	295.1	321.9	10.2	75.9	1.4	338.
1.5	11.8	674.7	925.0	19.0	14.2	220.8	16.2	10.6	12.2	296.7	328.4	11.1	74.1	1.3	356.
2.4	14.0	910.6	900.0	18.9	13.6	211.5	21.0	10.9	17.9	301.0	330.5	10.9	71.0	2.4	9.
3.3	15.3	1154.1	875.0	21.2	11.4	218.2	19.0	11.8	15.0	305.8	332.8	9.8	53.7	3.4	18.
4.3	19.5	1405.7	850.0	21.1	10.8	214.3	20.7	11.7	17.1	308.3	335.3	9.7	51.8	4.4	23.
5.2	20.7	1663.4	825.0	18.6	9.7	218.0	21.6	13.3	17.0	308.3	334.2	9.3	50.2	5.6	25.
6.1	23.0	1926.3	800.0	16.0	3.4	212.4	21.8	11.7	18.4	308.3	325.9	6.2	42.9	6.7	20.
7.1	25.4	2196.4	775.0	15.1	6.7	207.0	20.5	9.3	18.2	310.0	332.8	8.0	37.4	8.0	27.
8.1	27.7	2473.4	750.0	13.3	4.7	213.7	19.0	10.5	15.8	311.0	331.6	7.2	36.0	9.2	28.
9.1	30.2	2758.1	725.0	11.6	2.7	214.1	17.0	9.5	14.1	312.2	331.0	6.5	34.4	10.2	29.
10.1	32.6	3050.2	700.0	8.7	0.8	210.6	16.8	8.5	14.4	312.1	329.0	5.8	32.3	11.3	29.
11.1	35.1	3350.0	675.0	5.9	-1.5	211.1	17.0	8.8	14.6	312.2	327.2	5.1	30.8	12.3	29.
12.3	37.6	3652.4	650.0	3.9	-4.9	218.3	15.8	9.8	12.4	313.4	325.6	4.1	28.7	13.4	29.
13.5	40.2	3975.6	625.0	0.9	-5.7	225.2	16.0	11.3	11.3	313.5	325.5	4.0	26.6	14.5	30.
14.7	42.8	4301.9	600.0	-2.2	-10.6	231.5	16.7	13.1	10.4	313.5	322.2	2.8	24.6	15.7	30.
15.9	45.4	4636.3	575.0	-5.4	-13.6	240.4	15.7	13.6	7.7	313.6	320.8	2.3	22.3	16.7	33.
17.2	47.2	4985.6	550.0	-8.1	-16.9	242.2	14.4	12.7	6.7	314.5	320.3	1.8	20.9	17.7	35.
18.4	51.0	5345.2	525.0	-10.4	-21.0	248.0	12.4	11.5	4.7	315.9	320.3	1.4	18.3	18.6	37.
19.7	53.9	5715.5	500.0	-13.0	-25.2	261.6	12.9	12.8	1.9	317.2	320.5	1.0	16.1	19.4	38.
21.0	56.9	6108.3	475.0	-16.2	-26.9	268.0	16.0	15.9	1.1	318.0	320.9	0.9	14.8	20.2	41.
22.4	59.9	6512.0	450.0	-19.2	-32.0	285.9	16.5	16.5	1.2	319.2	321.1	0.6	13.8	21.2	44.
23.8	62.9	6935.3	425.0	-22.8	-35.9	286.8	12.2	12.2	0.7	319.8	321.3	0.4	12.8	22.1	46.
25.4	64.1	7376.8	400.0	-26.5	-33.8	264.1	10.5	10.5	1.1	320.6	322.5	0.5	11.9	22.9	47.
27.2	69.4	7848.2	375.0	-30.2	-34.0	283.3	12.1	11.6	3.5	321.6	323.6	0.6	10.1	23.9	49.
29.0	72.9	8326.6	350.0	-34.7	-37.0	255.8	12.0	11.6	2.9	322.8	323.6	0.4	8.9	25.2	50.
31.0	76.4	8840.8	325.0	-38.4	-42.7	261.0	12.2	12.0	1.9	323.7	324.7	0.3	6.6	26.3	51.
32.8	80.2	9385.2	300.0	-43.4	-49.9	255.9	13.0	12.6	3.2	324.2	324.7	0.3	5.9	27.6	53.
34.8	84.0	9964.3	275.0	-48.0	-59.9	231.1	13.3	11.9	6.0	325.8	325.8	0.3	5.9	29.1	56.
36.9	88.2	10585.5	250.0	-53.3	-69.9	231.1	13.1	10.4	7.8	325.8	325.8	0.3	5.9	30.8	56.
37.3	92.6	11253.7	225.0	-59.9	-79.9	223.5	13.2	9.1	9.6	325.8	325.8	0.3	5.9	32.5	56.
41.5	97.2	11977.7	200.0	-66.2	-89.9	230.9	12.6	5.8	8.0	327.5	327.5	0.3	5.9	34.2	53.
44.4	102.2	12795.3	175.0	-61.7	-99.9	259.1	13.4	13.1	2.8	348.2	348.2	0.3	5.9	36.4	56.
47.6	107.8	13755.3	150.0	-62.2	-99.9	268.7	13.9	13.9	0.3	363.0	363.0	0.3	5.9	38.4	56.
51.3	113.8	14885.4	125.0	-55.4	-99.9	283.5	12.2	11.9	-2.9	387.4	387.4	0.3	5.9	40.0	59.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA28 APRIL 1979
1700Z GMT

127 98. 0

TIME MIN	ONTCY	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED W/SEC	U COMP W/SEC	V COMP W/SEC	POT T DG K	E POT B DG V	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
3.0	8.4	284.0	967.9	27.1	14.1	190.0	3.1	0.5	3.1	303.1	331.8	10.6	45.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
5.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.6	13.0	447.6	950.0	22.6	14.6	202.2	8.0	3.0	7.4	300.2	330.8	11.1	60.6	0.3	10.
1.3	12.3	675.7	925.0	20.8	13.9	201.4	7.7	2.8	7.2	300.2	329.8	10.9	64.9	0.6	21.
2.0	14.7	916.1	900.0	18.3	13.2	199.0	8.4	2.7	7.9	300.2	329.1	10.7	72.4	0.9	28.
3.1	17.1	1157.3	875.0	15.7	12.5	212.4	8.6	4.6	7.3	300.1	328.4	10.5	81.0	1.6	21.
4.2	19.5	1403.3	850.0	14.2	8.4	229.9	7.9	6.1	5.1	301.0	328.5	10.2	88.6	2.0	27.
5.2	22.0	1650.6	825.0	17.9	-2.0	237.0	12.9	10.8	7.0	307.2	319.3	9.0	25.8	2.5	32.
5.1	24.5	1915.6	800.0	17.5	-4.2	234.0	17.1	13.9	10.1	309.2	320.2	3.5	22.4	3.3	39.
7.1	27.0	2103.7	775.0	16.2	-5.9	229.5	17.0	12.9	11.0	311.2	320.9	3.2	21.3	4.3	41.
9.1	29.6	2457.2	750.0	14.0	-7.7	231.6	16.5	12.9	10.2	311.2	320.5	2.9	21.4	5.3	43.
1.2	32.2	2751.5	725.0	11.7	-8.2	234.5	16.8	13.7	9.7	312.3	321.0	2.8	23.9	6.4	45.
13.2	34.9	3043.4	700.0	9.1	-10.4	235.4	17.2	14.1	9.8	312.6	320.2	2.5	24.0	7.4	46.
11.2	37.6	3343.3	675.0	6.5	-10.5	236.0	16.3	13.5	9.1	313.0	320.8	2.6	28.4	8.4	47.
13.4	40.4	3651.4	650.0	3.9	-12.0	240.3	16.9	14.7	8.4	313.4	320.6	2.3	30.2	9.5	49.
11.7	43.2	3965.6	625.0	1.2	-14.1	246.9	16.8	15.5	6.6	313.5	320.3	2.0	30.7	10.8	50.
13.9	46.0	4295.3	600.0	-1.7	-16.9	255.2	15.0	14.5	3.8	314.1	319.5	1.7	30.3	12.0	52.
15.2	49.0	4633.2	575.0	-2.5	-19.9	256.3	14.3	13.9	3.4	316.0	320.4	1.4	26.6	13.0	54.
17.4	52.0	4982.6	550.0	-6.3	-20.9	258.6	14.0	13.7	2.8	316.2	320.8	1.3	30.4	13.9	56.
17.7	53.0	5344.7	525.0	-5.3	-20.6	260.1	13.8	13.6	2.4	317.2	321.0	1.4	39.1	14.9	58.
17.9	53.1	5723.2	500.0	-12.3	-22.8	260.1	15.5	15.3	2.6	318.1	322.1	1.2	41.1	15.9	59.
21.1	61.4	6113.1	475.0	-15.5	-26.0	265.5	16.8	16.8	1.3	318.7	322.0	1.0	40.2	17.0	61.
23.4	64.6	6513.5	450.0	-18.9	-29.1	271.6	14.1	14.1	-0.4	319.6	322.1	0.8	39.9	18.2	62.
25.0	68.0	6938.4	425.0	-21.9	-35.0	276.5	12.9	12.8	-1.5	321.0	322.5	0.4	29.0	19.2	65.
27.7	71.6	7301.0	400.0	-26.3	-39.5	279.9	13.6	13.4	-2.3	320.2	321.9	0.3	27.4	20.3	67.
27.5	75.3	7644.4	375.0	-30.0	-43.3	286.0	13.6	13.1	-3.7	322.0	322.7	0.2	25.7	21.5	69.
27.2	79.0	8331.9	350.0	-34.2	-46.2	285.6	14.0	13.5	-3.8	322.6	323.3	0.2	28.3	22.6	71.
31.0	83.0	8945.5	325.0	-38.9	-49.2	290.6	17.1	16.0	-6.1	323.0	323.5	0.1	32.2	23.8	74.
33.0	87.2	9396.9	300.0	-42.5	-59.9	274.2	17.8	17.8	-1.3	325.4	325.4	99.9	999.9	25.8	76.
33.1	91.4	9978.2	275.0	-46.8	-59.9	263.9	14.3	14.3	1.5	327.4	327.4	99.9	999.9	27.8	77.
37.2	94.0	10557.4	250.0	-52.1	-59.9	243.6	13.0	11.6	5.8	328.7	328.7	99.9	999.9	29.4	77.
39.5	101.8	11269.8	225.0	-58.4	-59.9	231.5	12.3	9.6	7.6	329.0	329.0	99.9	999.9	31.1	76.
42.0	106.2	12001.5	200.0	-62.6	-59.9	247.7	18.2	16.9	6.9	333.6	333.6	99.9	999.9	33.0	74.
41.9	112.0	12825.5	175.0	-59.7	-59.9	277.7	14.9	14.8	-2.0	351.4	351.4	99.9	999.9	36.2	76.
47.9	119.3	13783.9	150.0	-60.5	-59.9	267.8	10.9	10.9	0.4	365.5	365.5	99.9	999.9	38.3	77.
51.9	125.3	14913.8	125.0	-60.2	-59.9	259.2	11.6	11.4	2.2	306.0	306.0	99.9	999.9	41.3	77.
57.1	133.3	16318.9	100.0	-57.0	-59.9	999.9	99.9	99.9	99.9	417.6	417.6	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-50.0	-59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

26 APRIL 1979
SIC GWT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Z DEG K	WX RTO GFM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.9	284.0	677.9	10.0	5.4	300.0	4.1	9.0	-0.1	265.2	300.0	5.8	73.0	0.0	0.
9.0	9.9	98.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.2	308.8	975.0	9.8	5.3	21.9	14.2	-5.3	-13.2	283.8	300.1	5.8	74.4	0.3	203.
0.9	11.6	524.4	950.0	8.3	5.0	20.8	14.4	-3.1	-13.4	285.6	300.7	5.6	79.7	0.7	202.
1.8	16.0	744.0	925.0	6.2	4.6	16.1	16.1	-4.5	-15.5	285.6	300.7	5.6	89.9	1.4	201.
2.7	16.5	962.2	900.0	4.4	0.7	10.6	22.2	-3.7	-19.9	286.1	298.3	4.6	77.9	2.4	198.
3.6	19.0	1138.1	875.0	6.9	-0.0	3.7	22.0	-1.4	-21.9	290.6	297.6	2.4	33.7	3.6	195.
4.4	21.3	1437.1	850.0	6.2	-9.9	354.6	23.4	2.1	-22.3	294.7	300.9	2.1	26.6	4.7	191.
5.3	24.1	1683.5	825.0	6.3	-5.6	344.3	9.6	9.3	-16.9	297.3	306.1	3.1	36.8	5.8	186.
6.2	26.6	1937.6	800.0	7.9	-6.9	332.7	16.2	7.4	-16.4	299.6	309.2	3.4	40.3	6.6	183.
7.1	27.2	2199.1	775.0	7.5	-13.2	329.8	14.4	7.3	-12.4	301.8	307.2	1.8	21.3	7.3	178.
8.1	31.9	2467.9	750.0	5.8	-14.6	335.4	14.1	8.0	-11.6	302.9	307.9	1.6	21.4	8.0	176.
9.1	34.6	2744.6	725.0	4.1	-13.0	315.8	13.2	9.3	-9.4	304.0	309.9	1.9	27.5	8.7	173.
10.1	37.3	3029.1	700.0	2.4	-10.8	305.0	15.4	12.6	-8.8	305.3	312.4	2.4	36.8	9.3	169.
11.3	42.1	3322.2	675.0	1.1	-11.4	288.1	16.7	15.9	-5.2	306.5	314.0	2.3	38.1	10.1	164.
12.5	42.9	3622.3	650.0	-0.4	-11.3	269.7	16.3	16.5	0.1	308.2	316.0	2.5	43.6	10.6	159.
13.6	45.8	3937.6	625.0	-3.1	-12.1	258.6	16.4	16.4	0.4	309.0	316.3	2.4	49.6	11.0	153.
14.8	49.4	4260.1	600.0	-6.9	-12.5	273.0	19.7	19.4	-1.3	310.4	317.8	2.4	55.1	11.7	148.
16.0	51.8	4552.2	575.0	-8.0	-14.0	270.8	21.9	21.9	-0.3	310.7	317.6	2.3	61.8	12.6	142.
17.2	54.8	4937.8	550.0	-10.0	-16.3	265.4	21.8	21.7	1.7	312.2	318.3	1.9	60.0	13.6	137.
18.4	57.9	5294.8	525.0	-13.0	-18.3	261.0	21.5	21.5	3.4	312.2	318.2	1.7	64.6	14.6	131.
19.7	61.1	5665.6	500.0	-15.2	-20.3	260.5	24.9	24.6	4.1	314.5	319.3	1.5	64.9	15.8	124.
21.1	64.4	6051.6	475.0	-17.2	-26.7	257.5	24.9	24.3	5.4	316.7	319.7	0.9	43.3	17.2	121.
22.6	67.7	6456.2	450.0	-18.8	-28.5	253.2	24.8	24.6	2.9	319.7	322.4	0.6	41.8	18.9	117.
24.2	71.3	6879.2	425.0	-22.4	-31.2	259.4	24.9	24.9	9.9	320.2	322.6	0.7	44.4	21.0	113.
25.8	74.9	7321.8	400.0	-25.6	-38.1	259.9	24.9	24.9	9.9	321.7	323.0	0.4	29.7	29.9	99.9
27.5	79.5	7785.8	375.0	-26.8	-43.5	259.9	24.9	24.9	9.9	322.1	322.8	0.2	24.8	29.9	99.9
29.2	82.3	8273.1	350.0	-34.2	-46.2	259.4	21.7	21.7	0.2	322.6	323.3	0.2	28.2	27.5	106.
31.0	86.3	8766.6	325.0	-38.7	-49.8	259.7	26.8	26.4	-0.5	323.2	323.8	0.1	29.7	30.8	107.
32.9	90.6	9330.7	300.0	-43.2	-59.9	264.9	34.1	33.0	-8.8	324.6	324.6	99.9	99.9	33.3	104.
34.1	95.0	9910.2	275.0	-48.3	99.9	268.7	42.8	39.7	-13.5	325.3	325.3	99.9	99.9	36.3	106.
37.3	94.7	10530.9	250.0	-52.3	99.9	250.8	42.8	40.1	-15.2	326.9	326.9	99.9	99.9	44.0	107.
39.6	104.6	11203.1	225.0	-56.8	99.9	250.2	42.5	41.9	-17.5	331.2	331.2	99.9	99.9	49.8	107.
43.2	110.0	11945.3	200.0	-60.2	99.9	259.0	47.1	44.3	-16.0	337.4	337.4	99.9	99.9	57.1	104.
45.0	115.8	12735.6	175.0	-62.4	99.9	266.0	27.7	26.7	-17.6	347.8	347.8	99.9	99.9	63.1	107.
44.2	122.0	13731.6	150.0	-60.0	99.9	270.0	25.4	25.4	0.0	366.7	366.7	99.9	99.9	67.6	106.
52.1	129.0	14865.9	125.0	-56.4	99.9	271.9	19.0	19.0	-10.6	386.6	386.6	99.9	99.9	71.6	105.
56.7	137.0	16271.9	100.0	-58.4	99.9	271.9	99.9	99.9	99.9	414.5	414.5	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	93.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

26 APRIL 1979
017 G4T

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO CM/KG	RH PCY	RANGE KM	AZ DG
0.0	8.5	284.0	978.8	7.8	5.1	20.0	1.5	-0.5	282.7	297.2	5.6	83.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9	99.9	99.9
0.1	8.8	316.1	975.0	7.5	5.0	12.9	3.7	-0.8	282.7	297.2	5.6	83.8	0.1	259.
1.1	11.2	530.6	950.0	7.1	4.6	99.9	99.9	99.9	284.4	299.0	5.6	83.0	0.3	196.
1.9	13.6	749.4	925.0	5.1	2.6	99.9	99.9	99.9	284.2	297.5	5.0	84.0	99.9	99.9
2.7	16.0	972.7	900.0	4.6	0.0	99.9	99.9	99.9	286.3	297.6	4.3	72.2	99.9	99.9
3.7	19.5	1202.9	875.0	6.7	-3.9	99.9	99.9	99.9	290.7	299.8	3.3	46.6	99.9	99.9
4.7	21.0	1441.1	850.0	7.6	-6.2	99.9	99.9	99.9	294.1	302.1	2.8	37.0	99.9	99.9
5.6	23.4	1606.9	825.0	7.0	-8.1	346.8	23.6	5.4	296.6	303.2	2.5	33.0	6.3	183.
6.4	26.0	1938.4	800.0	6.5	-7.7	329.8	20.7	10.4	298.1	305.8	2.7	35.4	7.4	180.
7.6	29.6	2200.1	775.0	6.5	-7.5	309.0	20.1	15.6	300.8	309.0	2.7	36.0	8.4	173.
8.7	31.2	2452.2	750.0	4.3	-9.0	306.6	20.6	16.5	301.3	308.9	2.6	37.2	9.4	168.
9.7	33.9	2743.3	725.0	2.2	-9.4	308.6	24.5	19.1	301.9	309.5	2.6	41.8	10.4	163.
10.5	35.6	3025.5	700.0	-0.4	-11.0	307.9	24.8	19.6	302.1	309.1	2.4	44.3	11.5	160.
11.5	39.3	3315.3	675.0	-2.8	-7.3	294.4	21.5	19.6	305.2	316.3	3.8	82.6	13.4	152.
12.5	42.1	3614.7	650.0	-3.3	-5.9	270.1	15.8	19.6	307.1	316.3	3.1	71.5	13.8	146.
13.6	45.0	3924.7	625.0	-4.7	-9.0	252.4	21.5	21.5	309.9	318.1	2.7	63.5	14.3	138.
14.9	47.9	4246.1	600.0	-5.4	-11.2	248.1	27.7	25.7	311.2	320.0	2.9	76.7	15.5	129.
16.4	50.9	4578.3	575.0	-7.5	-10.9	251.2	31.6	30.0	312.1	320.0	2.7	87.0	17.3	121.
17.9	53.9	4923.6	550.0	-10.5	-12.2	256.9	31.9	31.1	311.7	320.0	2.2	83.6	19.6	116.
19.5	57.0	5290.5	525.0	-13.0	-15.2	261.3	29.4	29.1	312.6	319.8	1.9	80.7	21.6	112.
20.9	60.1	5651.6	500.0	-15.0	-17.6	264.4	33.2	33.1	314.7	320.7	1.9	80.7	21.6	112.
22.2	63.4	6037.3	475.0	-18.3	-19.5	264.5	33.9	33.7	315.4	320.6	1.7	89.9	24.2	109.
24.0	65.7	6432.9	450.0	-21.3	-23.3	260.9	28.3	28.0	316.2	320.7	1.3	83.1	27.3	106.
26.1	70.1	6858.5	425.0	-24.3	-28.6	263.8	30.3	30.1	317.5	320.7	0.8	67.1	30.3	103.
27.9	73.7	7298.0	400.0	-27.9	-32.4	265.3	28.8	28.6	318.8	320.9	0.6	65.2	33.6	101.
29.7	77.3	7758.5	375.0	-31.5	-36.5	265.6	28.0	27.9	319.9	321.5	0.4	61.1	36.3	100.
31.3	81.2	8242.6	350.0	-35.7	-40.8	274.1	35.7	32.6	320.6	321.6	0.3	59.0	39.2	99.
33.4	85.2	8753.9	325.0	-39.2	99.9	278.2	43.24	-6.1	322.6	99.9	99.9	99.9	44.1	99.
36.2	86.3	9257.9	300.0	-43.5	99.9	280.3	43.74	-7.9	324.6	99.9	99.9	99.9	52.0	99.
39.1	93.7	9877.0	275.0	-48.5	99.9	283.3	46.94	-10.8	325.6	99.9	99.9	99.9	67.6	99.
42.0	98.4	10498.2	250.0	-52.3	99.9	281.0	48.04	-10.8	328.3	99.9	99.9	99.9	75.3	100.
44.8	103.3	11172.5	225.0	-56.1	99.9	282.1	47.84	-10.0	332.6	99.9	99.9	99.9	84.0	100.
47.8	108.6	11916.7	200.0	-58.9	99.9	284.1	41.84	-10.2	339.3	99.9	99.9	99.9	90.0	100.
51.2	114.4	12750.0	175.0	-59.4	99.9	287.4	31.34	1.4	351.6	99.9	99.9	99.9	98.2	99.
55.6	120.7	13712.4	150.0	-60.1	99.9	277.1	28.04	-3.4	366.6	99.9	99.9	99.9	104.5	99.
60.5	127.7	14858.2	125.0	-56.4	99.9	284.1	21.24	-5.2	387.4	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

25 APRIL 1979
1110 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.4	213.0	678.4	15.0	14.4	150.0	4.6	-2.3	4.0	290.0	317.2	10.8	96.0	0.0	0.
05.9	99.9	59.9	1000.0	65.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	9.7	282.6	975.0	14.6	14.0	177.5	9.7	-0.4	9.7	289.5	316.6	10.4	96.2	0.2	34.
1.0	11.0	502.9	950.0	16.2	15.7	199.1	11.2	3.6	10.5	293.7	324.7	11.9	96.6	0.7	40.
2.0	13.4	730.3	925.0	15.6	11.8	197.6	8.7	2.6	8.3	295.3	320.3	9.4	77.9	1.2	30.
2.9	13.6	962.7	900.0	14.0	10.2	205.5	5.7	2.5	5.1	296.8	319.3	8.8	77.9	1.5	27.
3.0	15.2	1200.4	875.0	12.9	9.0	246.6	5.8	5.2	2.5	297.2	319.5	8.3	77.0	1.8	29.
4.7	20.6	1444.1	850.0	12.1	9.8	263.2	8.3	8.2	1.0	298.8	323.1	9.0	85.8	2.1	39.
5.7	23.1	1653.9	825.0	10.0	8.4	270.5	8.1	8.1	-0.1	299.2	322.0	8.4	89.6	2.5	47.
5.7	23.6	1945.6	800.0	8.2	7.6	278.4	8.1	8.1	-1.2	299.6	322.4	8.3	96.0	2.8	54.
7.0	25.2	2211.6	775.0	6.4	4.5	281.3	8.0	8.0	-1.7	300.7	319.4	6.8	87.2	3.2	61.
5.9	32.7	2480.4	750.0	4.4	3.1	275.5	8.1	8.0	-0.8	301.4	319.1	6.4	91.0	3.7	67.
13.3	33.3	2756.0	725.0	3.0	-17.2	281.7	7.7	7.6	-1.2	302.2	310.4	2.7	43.0	4.2	71.
11.7	35.0	3041.2	700.0	4.3	-47.3	279.0	7.7	7.7	-1.2	307.2	307.5	0.1	1.0	4.7	75.
12.7	35.7	3336.2	675.0	2.8	-88.2	269.4	7.7	7.7	0.1	308.6	309.1	0.1	1.0	5.1	77.
13.8	41.4	3688.4	650.0	0.9	-49.4	263.8	8.0	8.0	0.9	310.0	310.3	0.1	1.0	5.7	77.
15.1	44.2	3954.3	625.0	-6.8	-34.1	266.3	8.3	8.3	0.5	311.6	312.7	0.3	5.9	6.3	78.
17.3	47.1	4277.9	600.0	-7.8	-35.7	264.9	10.1	10.1	0.9	312.0	313.0	0.3	6.1	7.0	79.
17.6	52.0	4611.7	575.0	-6.6	-37.4	267.8	9.1	9.1	0.5	312.2	313.1	0.3	6.5	7.7	79.
17.9	53.0	4937.3	550.0	-5.0	-38.9	265.9	8.7	8.7	0.6	313.4	314.3	0.2	6.7	8.4	80.
20.2	55.0	5315.3	525.0	-12.0	-40.7	259.0	8.0	7.9	1.5	314.0	314.7	0.2	7.0	9.0	80.
21.6	59.3	5686.7	500.0	-14.7	-42.4	255.4	7.8	7.5	2.0	315.1	315.7	0.2	7.3	9.7	80.
22.0	62.4	6073.3	475.0	-17.1	-46.5	253.9	8.6	8.2	2.4	316.2	317.3	0.1	5.9	10.4	80.
23.4	65.8	6476.9	450.0	-19.5	-50.0	250.8	8.9	8.3	3.0	316.7	318.8	0.0	1.6	11.1	79.
25.9	69.1	6898.6	425.0	-23.0	-58.8	247.1	10.6	9.8	4.1	319.2	319.7	0.0	2.1	11.9	78.
27.5	72.7	7336.4	400.0	-27.0	-69.2	245.6	12.6	11.5	5.2	319.9	320.8	0.0	2.6	13.0	77.
29.1	76.4	7881.1	375.0	-30.8	-81.8	240.6	13.2	11.5	6.5	320.9	321.0	0.0	3.0	14.3	76.
30.8	82.2	8268.9	350.0	-34.6	-82.8	238.2	13.7	11.3	7.0	322.1	322.2	0.0	3.9	15.5	75.
32.5	84.2	8798.9	325.0	-35.1	99.9	245.4	13.7	12.5	5.7	322.6	999.9	99.9	999.9	16.9	74.
34.5	84.3	9343.0	300.0	-43.6	99.9	249.7	14.4	13.7	5.1	323.5	999.9	99.9	999.9	18.5	73.
36.5	91.7	9822.3	275.0	-48.5	99.9	244.3	14.5	13.0	6.3	325.0	999.9	99.9	999.9	20.3	73.
37.9	97.4	10541.9	250.0	-54.1	99.9	235.6	14.2	11.7	8.0	325.6	999.9	99.9	999.9	22.3	72.
41.3	102.2	11258.9	225.0	-60.0	99.9	233.8	15.0	12.1	8.8	326.4	999.9	99.9	999.9	24.2	70.
41.9	107.5	11937.7	200.0	-61.9	99.9	246.3	16.8	15.4	6.7	334.7	999.9	99.9	999.9	26.9	69.
46.9	117.4	12757.0	175.0	-65.8	99.9	238.1	16.2	13.8	8.6	341.4	999.9	99.9	999.9	29.5	69.
50.2	119.7	13694.9	150.0	-67.0	99.9	215.3	18.4	10.7	15.0	361.2	999.9	99.9	999.9	32.9	66.
54.2	129.7	14824.6	125.0	-57.8	99.9	219.1	14.1	8.9	10.9	390.3	999.9	99.9	999.9	34.1	63.
53.8	134.3	16219.0	100.0	-58.6	99.9	999.9	99.9	99.9	99.9	412.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

25 APRIL 1979
1400 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 2 DG K	MIN RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	253.0	978.2	19.0	15.5	170.0	4.6	-0.8	4.5	294.0	323.7	11.4	80.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.0	281.2	975.0	18.6	15.7	195.5	8.3	2.2	8.0	293.9	324.0	11.6	83.2	0.3	70.
1.1	10.1	304.6	950.0	18.4	14.4	204.4	9.4	4.2	8.5	295.5	324.7	10.9	77.2	0.6	45.
2.0	12.3	734.2	925.0	18.6	13.5	223.4	8.9	6.1	8.5	298.4	326.7	10.6	72.1	1.1	40.
2.9	14.4	969.3	900.0	17.3	12.7	237.2	8.7	7.3	4.7	299.4	327.1	10.4	74.4	1.5	44.
3.8	16.6	1205.9	875.0	15.8	11.8	236.3	8.0	7.4	4.9	300.3	327.3	10.0	76.9	2.0	48.
4.8	18.4	1455.6	850.0	12.3	11.7	230.8	8.8	6.8	5.5	300.1	327.7	10.2	89.8	2.6	48.
5.7	21.1	1707.1	825.0	12.3	10.3	233.3	7.9	6.3	4.7	301.6	327.8	9.6	87.7	3.0	48.
6.7	23.4	1965.3	800.0	11.1	6.9	246.5	8.0	7.3	3.2	303.0	324.8	7.9	75.6	3.5	50.
7.8	25.6	2238.0	775.0	9.0	7.3	251.8	10.0	9.5	3.1	303.5	324.5	8.4	89.6	3.9	53.
8.7	28.0	2508.8	750.0	6.6	5.3	252.4	13.9	13.2	4.2	303.7	324.5	7.5	91.6	4.6	56.
9.8	30.4	2778.2	725.0	5.1	1.3	251.2	13.0	12.4	4.2	305.1	321.5	5.8	76.2	5.5	50.
10.8	32.8	3065.8	700.0	4.2	-0.6	251.7	11.5	11.0	3.6	307.1	322.2	5.2	70.7	6.2	60.
11.9	35.3	3361.3	675.0	2.7	-3.8	253.3	10.6	10.1	3.0	308.7	321.2	4.3	62.0	6.9	61.
13.0	37.8	3666.0	650.0	1.1	-7.2	254.2	8.8	8.5	2.4	310.2	320.5	3.4	53.9	7.6	62.
14.2	40.4	3980.6	625.0	-0.6	-10.3	251.1	7.7	7.3	2.5	311.6	316.4	1.5	24.8	8.1	63.
15.3	43.0	4305.2	600.0	-3.1	-19.6	251.9	7.0	7.2	2.4	312.5	316.4	1.3	26.6	8.7	64.
16.8	45.7	4640.6	575.0	-5.7	-17.8	249.2	6.5	8.0	2.0	313.2	318.5	1.6	37.9	9.3	64.
17.9	48.3	4987.5	550.0	-8.0	-21.6	242.8	6.7	8.6	4.4	314.6	318.6	1.2	32.6	9.9	64.
19.5	51.1	5347.3	525.0	-10.4	-29.9	241.7	9.7	8.5	4.6	316.0	318.0	0.6	18.3	10.8	64.
20.8	53.0	5726.6	500.0	-12.7	-30.3	243.0	10.5	9.3	4.7	316.4	318.5	0.6	23.0	11.6	64.
22.2	56.9	6109.3	475.0	-16.5	-30.4	241.7	11.9	10.5	5.6	317.6	319.7	0.6	28.6	12.5	64.
23.6	59.9	6513.1	450.0	-16.0	-30.7	238.1	13.3	11.3	7.1	319.4	320.9	0.4	23.3	13.6	64.
25.2	62.9	6933.7	425.0	-22.1	-37.3	233.0	13.7	11.0	6.8	320.7	322.0	0.4	23.4	14.9	63.
26.8	69.1	7843.3	375.0	-29.0	-49.9	251.5	7.4	7.0	2.3	323.3	323.6	0.1	11.2	17.3	62.
30.7	72.9	8332.3	350.0	-33.4	-50.3	262.5	7.6	7.6	1.0	323.7	323.9	0.1	10.1	18.1	63.
32.6	76.3	8647.8	325.0	-37.9	-51.2	267.8	10.2	10.2	0.5	324.4	324.8	0.1	23.3	18.9	64.
34.5	80.1	9394.3	300.0	-42.5	-50.9	277.1	13.4	13.2	-1.7	325.5	325.9	99.9	99.9	20.2	65.
36.5	84.0	9975.2	275.0	-47.9	-50.9	266.3	13.1	12.9	2.1	325.8	325.9	99.9	99.9	21.9	65.
38.9	88.2	10567.5	250.0	-54.8	-50.9	260.8	13.1	12.9	2.1	325.8	325.9	99.9	99.9	23.8	65.
41.1	92.5	11263.6	225.0	-59.1	-50.9	251.7	14.0	8.0	2.6	327.5	327.5	99.9	99.9	25.1	70.
43.6	97.2	11995.5	200.0	-61.8	-50.9	216.4	14.0	8.3	11.3	331.8	330.9	99.9	99.9	26.7	68.
46.5	102.3	12809.8	175.0	-66.0	-50.9	209.6	16.0	7.9	13.9	341.8	341.8	99.9	99.9	28.6	65.
49.9	107.8	13752.4	150.0	-63.3	-50.9	228.4	17.0	13.1	11.7	361.0	361.0	99.9	99.9	32.1	62.
53.7	114.0	14875.3	125.0	-63.4	-50.9	224.4	13.2	9.3	9.3	380.1	380.1	99.9	99.9	35.3	61.
58.3	121.0	16257.1	100.0	-59.2	-50.9	99.9	99.9	99.9	99.9	413.3	413.3	99.9	99.9	99.9	99.9
99.9	92.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY 104P MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

28 APRIL 1979
1706 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.5	253.0	976.7	24.3	17.1	170.0	4.6	-0.8	4.5	299.5	333.1	12.7	64.0	0.0	0.
95.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	8.7	268.3	975.0	23.9	16.5	163.0	5.5	-1.5	5.2	299.2	331.0	12.2	63.1	0.1	28.
0.0	11.0	450.9	950.0	22.0	15.6	163.2	6.3	-1.8	6.0	299.5	331.1	11.9	67.3	0.4	59.
1.6	13.4	728.8	925.0	19.6	14.8	188.9	6.4	1.0	6.6	299.4	330.2	11.6	73.9	0.6	34.
2.6	15.7	941.6	900.0	17.7	12.6	196.6	10.0	2.0	9.6	299.6	327.4	10.3	71.9	1.0	25.
3.5	18.1	1202.3	875.0	16.6	10.3	198.0	11.3	3.6	10.7	301.6	325.6	9.0	66.3	1.7	23.
4.5	20.5	1449.0	850.0	14.0	8.7	199.1	18.9	3.6	18.3	301.7	323.7	8.4	66.9	2.3	21.
5.5	23.0	1701.1	825.0	13.1	6.6	206.9	11.2	5.1	18.0	302.0	323.0	7.4	66.6	2.9	21.
6.4	25.5	1959.8	800.0	11.8	4.6	217.4	10.9	4.6	6.7	303.7	322.4	6.7	61.0	3.0	23.
7.3	28.0	2224.9	775.0	10.1	1.8	235.6	9.4	7.8	5.3	304.7	320.6	5.6	54.3	4.0	20.
8.3	30.6	2457.1	750.0	7.8	1.9	242.8	8.9	8.0	4.1	305.1	321.7	5.9	60.1	4.5	30.
9.3	33.2	2778.4	725.0	6.4	2.0	258.0	9.0	8.7	2.2	306.5	324.0	4.9	65.0	5.3	39.
10.3	35.9	3063.8	700.0	4.0	-1.4	272.2	11.0	11.0	-0.4	307.2	322.1	4.9	65.0	5.3	39.
11.4	38.6	3368.6	675.0	3.7	-3.3	273.7	14.1	14.1	-0.9	309.0	322.8	4.4	59.9	5.8	46.
12.5	41.3	3666.1	650.0	1.3	-3.5	266.9	15.3	15.3	0.8	310.2	323.9	4.6	70.1	6.6	52.
13.5	44.1	3981.0	625.0	-0.8	-2.1	261.0	15.3	15.1	2.4	311.6	327.0	5.3	70.9	7.4	56.
14.7	47.0	4306.0	600.0	-3.6	-5.1	257.9	15.2	14.9	3.2	312.1	325.1	4.4	88.0	8.4	54.
16.0	50.0	4641.1	575.0	-4.3	-6.1	250.4	17.0	16.0	5.7	312.4	323.4	3.6	87.2	9.5	61.
17.2	53.0	4987.0	550.0	-5.3	-10.7	247.8	15.5	14.3	5.8	313.1	322.4	3.1	89.1	10.6	62.
18.9	56.1	5345.5	525.0	-11.6	-16.0	244.3	13.9	12.5	6.0	314.4	321.0	2.1	79.5	12.1	62.
20.4	59.3	5718.2	500.0	-12.9	-20.7	241.4	14.9	13.1	7.1	316.2	320.9	1.5	56.0	13.6	62.
22.0	62.6	6106.4	475.0	-16.2	-19.7	240.3	14.8	12.9	7.4	319.0	323.4	1.7	74.5	15.0	62.
23.5	65.9	6511.4	450.0	-18.9	-22.8	239.5	15.4	13.3	7.7	319.2	323.9	1.4	71.0	16.3	62.
25.0	69.3	6934.0	425.0	-21.8	-27.2	241.5	15.4	13.6	7.4	321.0	324.2	1.0	61.3	17.7	62.
26.5	72.9	7378.1	400.0	-25.3	-31.5	243.2	14.5	13.0	6.6	323.1	324.8	0.7	50.1	19.1	62.
28.3	76.4	7842.3	375.0	-29.1	-35.3	240.1	15.1	13.1	7.5	323.1	324.8	0.5	54.9	20.4	62.
30.2	80.3	8323.1	350.0	-32.7	-40.3	240.3	15.6	13.5	7.7	324.6	325.8	0.3	46.2	22.4	62.
32.2	84.3	8850.5	325.0	-36.8	-49.0	242.2	14.6	12.9	6.8	326.0	326.5	0.1	20.0	24.2	62.
34.3	88.5	9399.1	300.0	-41.5	-59.9	245.1	14.9	13.6	6.3	326.6	326.5	99.9	99.9	25.9	62.
36.2	92.4	9983.7	275.0	-45.9	-69.0	246.4	14.1	12.9	5.6	328.6	328.6	99.9	99.9	27.7	62.
38.4	97.5	10609.4	250.0	-52.1	-69.6	231.9	11.5	9.0	7.1	328.7	328.7	99.9	99.9	29.3	62.
41.0	102.4	11281.9	225.0	-58.2	-99.9	209.8	13.1	6.5	11.4	329.3	329.9	99.9	99.9	30.9	61.
43.7	107.8	12016.1	200.0	-61.9	-99.9	206.5	19.1	8.5	17.1	334.7	334.7	99.9	99.9	33.2	59.
46.9	113.6	12837.5	175.0	-64.5	-99.9	203.5	19.1	7.6	17.5	343.5	343.5	99.9	99.9	35.9	55.
49.5	119.8	13770.6	150.0	-64.4	-99.9	228.8	17.7	11.6	13.4	355.7	355.7	99.9	99.9	39.3	53.
53.7	127.0	14857.3	125.0	-58.6	-99.9	235.9	14.0	11.4	7.0	368.9	368.9	99.9	99.9	42.5	53.
58.3	134.7	16301.5	100.0	-57.3	-99.9	99.9	99.9	99.9	99.9	417.0	417.0	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.0	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI
25 APRIL 1979
2000 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	RH RTO G/MG	RH PCY	RANGE KM	AZ DEG
0.0	0.0	253.0	974.2	23.7	14.9	120.0	3.1	-2.7	1.5	299.1	320.0	11.1	50.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	11.2	473.6	950.0	23.1	14.7	158.2	6.2	-2.0	5.4	200.7	320.7	11.2	59.1	0.2	19.
1.0	13.5	705.6	925.0	21.1	13.4	151.7	7.2	-3.4	6.4	300.9	329.4	10.5	61.3	0.6	309.
2.0	15.9	942.3	900.0	18.0	12.0	156.0	7.9	-3.1	7.3	300.9	328.6	10.2	64.9	1.0	341.
3.0	18.3	1177.9	875.0	16.8	10.5	170.7	8.0	-1.4	8.6	301.3	328.2	9.2	66.1	1.5	342.
4.0	20.7	1430.6	850.0	14.0	8.5	180.0	9.2	1.3	9.2	301.7	324.2	8.2	65.9	2.0	346.
5.0	23.1	1482.0	825.0	14.2	-1.7	194.0	9.5	2.4	9.2	303.6	315.4	4.1	33.2	2.5	352.
6.0	25.6	1942.0	800.0	12.0	-3.0	194.5	9.5	2.2	8.7	304.7	315.4	3.6	31.2	3.1	356.
7.0	28.1	2200.1	775.0	11.6	1.0	205.6	9.4	4.1	8.5	306.3	321.6	5.3	48.0	3.7	0.
8.0	30.7	2401.0	750.0	9.6	1.3	220.0	11.1	7.1	8.5	307.1	323.1	5.0	55.9	4.3	0.
9.0	33.3	2762.0	725.0	7.2	2.0	228.3	13.3	9.9	8.0	307.4	324.9	6.1	69.7	5.1	12.
10.0	36.0	3049.9	700.0	5.1	-0.9	235.5	13.9	11.4	7.9	308.2	323.0	5.1	65.0	5.9	19.
11.0	38.7	3346.1	675.0	2.5	-1.5	239.5	15.0	13.6	8.0	309.5	323.3	5.1	74.7	6.8	25.
12.0	41.3	3650.7	650.0	0.5	-4.0	245.1	17.9	16.3	7.5	309.6	322.4	4.4	71.5	7.8	30.
13.0	44.1	3964.5	625.0	-1.0	-6.1	250.9	19.3	18.2	6.3	310.4	321.9	3.9	72.7	8.9	35.
14.0	47.0	4268.4	600.0	-3.6	-8.4	258.1	20.5	20.1	4.2	312.0	322.1	3.4	69.2	10.1	41.
15.0	49.9	4623.3	575.0	-6.5	-10.0	259.0	21.0	20.7	3.7	312.4	321.3	2.9	71.4	11.3	46.
16.0	52.9	4969.6	550.0	-8.5	-10.0	264.0	20.7	20.6	2.2	314.0	323.9	3.2	88.5	12.8	50.
17.0	55.9	5329.3	525.0	-10.6	-14.9	263.4	20.3	20.2	2.3	315.6	322.8	2.3	70.7	14.2	54.
18.0	59.0	5702.0	500.0	-13.5	-18.0	260.0	18.7	18.5	3.2	318.2	322.1	1.7	64.4	15.7	57.
19.0	62.1	6091.6	475.0	-16.1	-20.8	250.0	16.5	15.6	5.4	318.0	323.0	1.5	66.0	17.1	59.
20.0	65.5	6496.0	450.0	-18.3	-21.9	245.7	18.0	16.4	7.4	319.8	323.7	1.5	79.7	18.5	59.
21.0	69.0	6919.5	425.0	-22.3	-25.1	243.7	18.8	16.9	8.3	320.4	324.3	1.2	77.5	20.3	60.
22.0	72.3	7362.5	400.0	-25.0	-29.9	239.6	17.6	15.2	9.2	321.5	324.2	0.8	68.0	21.9	60.
23.0	75.9	7827.0	375.0	-26.5	-33.7	235.6	16.3	13.5	9.2	322.0	324.6	0.6	66.7	23.5	60.
24.0	79.7	8315.0	350.0	-32.3	-37.6	234.3	13.8	11.2	8.0	323.5	325.4	0.4	64.9	24.9	59.
25.0	83.7	8831.7	325.0	-37.7	-42.3	229.2	13.6	10.3	8.9	325.7	325.7	0.3	61.3	26.3	59.
26.0	87.7	9376.4	300.0	-42.5	99.9	214.9	13.3	7.6	10.9	325.2	325.9	99.9	99.9	27.7	58.
27.0	92.0	9959.7	275.0	-47.7	99.9	200.8	14.4	7.0	12.7	325.2	325.9	99.9	99.9	29.0	57.
28.0	96.6	10581.1	250.0	-53.5	99.9	195.7	15.5	4.2	14.9	325.2	325.9	99.9	99.9	30.7	54.
29.0	101.4	11250.0	225.0	-59.4	99.9	191.5	19.3	3.9	16.9	327.6	325.9	99.9	99.9	32.3	52.
30.0	106.6	11900.3	200.0	-62.2	99.9	200.3	29.1	10.1	27.3	330.2	325.9	99.9	99.9	35.3	48.
31.0	112.4	12600.5	175.0	-65.0	99.9	99.9	99.9	99.9	99.9	341.3	325.9	99.9	99.9	99.9	99.9
32.0	119.5	13745.1	150.0	-61.7	99.9	99.9	99.9	99.9	99.9	343.6	325.9	99.9	99.9	99.9	99.9
33.0	125.5	14678.0	125.0	-58.7	99.9	244.1	13.0	11.7	5.7	340.7	325.9	99.9	99.9	99.9	99.9
34.0	133.3	16276.0	100.0	-60.4	99.9	99.9	99.9	99.9	99.9	411.1	325.9	99.9	99.9	99.9	99.9
35.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
 COLUMBIA, MISSOURI

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KS	RM PCT	RANGE KM	AZ DEG
0.0	9.4	253.0	572.3	24.7	14.2	190.0	4.6	0.0	4.3	300.2	320.6	10.5	52.0	0.0	0.
9.0	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
5.0	99.9	99.9	575.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
3.7	11.5	457.5	550.0	25.3	13.6	192.4	6.3	1.0	8.1	302.9	331.2	10.4	48.2	0.6	64.
1.5	13.8	691.5	925.0	23.5	12.8	196.4	9.6	2.7	9.2	303.4	331.0	10.1	50.0	1.0	43.
2.5	16.2	930.2	900.0	21.5	12.2	199.6	10.9	3.7	10.3	303.7	331.0	10.0	55.4	1.5	34.
3.5	19.5	1173.6	875.0	18.4	10.9	202.9	11.7	4.5	10.0	303.2	328.9	9.4	60.5	2.2	29.
4.4	21.0	1421.2	850.0	15.4	10.0	210.0	12.3	7.0	10.1	302.7	327.5	9.1	68.9	2.8	20.
5.3	23.5	1674.1	825.0	13.4	10.7	214.5	12.3	7.0	10.1	302.7	327.5	9.1	68.9	2.8	20.
6.3	26.0	1932.5	800.0	10.4	9.5	217.7	13.3	8.1	10.3	302.2	328.0	9.4	94.1	4.3	31.
7.4	28.5	2157.1	775.0	8.6	8.1	229.4	13.1	10.0	8.5	303.1	327.3	8.8	96.6	5.1	33.
8.7	31.1	2462.1	750.0	6.0	5.7	232.0	14.7	11.7	8.9	304.6	325.3	7.7	92.5	6.2	36.
9.9	33.7	2748.6	725.0	9.1	4.0	238.0	15.1	12.8	8.0	305.0	324.9	7.1	92.9	7.2	39.
11.1	36.3	3033.0	700.0	3.7	0.5	236.9	15.4	12.9	8.4	306.1	322.8	5.7	79.9	8.2	41.
12.1	39.0	3227.5	675.0	1.4	-2.7	236.4	14.5	12.1	8.0	307.2	320.8	4.7	73.9	9.1	43.
13.0	41.8	3431.5	650.0	0.3	-2.4	244.1	12.7	11.4	5.5	309.3	323.7	4.9	61.0	9.8	44.
14.1	44.6	3645.3	625.0	-1.7	-2.9	248.2	16.8	15.6	6.2	311.8	325.2	4.5	93.1	11.8	48.
15.2	47.4	4269.4	600.0	-3.7	-4.7	248.2	16.8	15.6	6.2	311.8	325.2	3.7	90.0	12.9	50.
16.5	50.4	4504.4	575.0	-6.6	-8.0	252.7	17.4	16.6	5.2	312.5	323.2	2.2	60.5	14.3	53.
17.9	53.4	4950.6	550.0	-8.9	-17.3	255.4	10.0	18.4	4.0	313.5	320.2	2.6	19.1	16.0	55.
19.4	56.4	5399.4	525.0	-10.6	-13.6	256.2	16.5	16.0	3.9	315.7	323.6	2.5	89.0	17.2	57.
20.9	59.6	5883.7	500.0	-12.0	-14.2	258.1	15.4	14.5	3.3	317.4	325.4	1.8	75.7	18.4	57.
22.3	62.9	6073.5	475.0	-15.0	-17.1	251.1	13.5	12.7	4.4	319.7	322.0	0.9	47.0	19.4	59.
23.4	65.1	6476.3	450.0	-18.7	-17.2	251.1	13.5	12.7	4.4	320.9	322.0	0.6	40.5	20.7	59.
24.5	67.5	6903.2	425.0	-21.0	-31.7	252.6	15.2	14.5	4.5	320.9	323.0	0.6	54.2	22.0	61.
25.5	71.0	7346.2	400.0	-25.0	-32.1	251.3	15.6	15.4	2.4	321.7	324.0	0.5	59.2	24.4	62.
26.5	76.7	7911.4	375.0	-28.1	-34.5	253.4	15.4	15.3	1.8	323.6	324.9	0.4	58.3	25.8	63.
27.5	81.3	8417.5	350.0	-32.9	-38.3	255.3	5.5	15.0	3.9	324.4	325.8	0.4	58.3	27.2	64.
28.5	84.3	8817.5	325.0	-37.7	-43.3	255.4	5.8	14.4	0.6	325.7	325.7	0.2	55.3	27.2	64.
29.5	87.5	9366.3	300.0	-42.3	-49.9	254.3	5.8	12.8	9.2	325.4	325.4	99.9	99.9	28.8	63.
30.5	92.8	9946.5	275.0	-47.2	-59.9	228.5	16.9	11.9	12.1	327.8	327.8	99.9	99.9	30.6	63.
31.5	97.5	10578.0	250.0	-52.7	-59.9	224.1	17.0	12.2	12.6	327.8	327.8	99.9	99.9	32.7	61.
32.5	102.4	11248.6	225.0	-58.0	-59.9	224.4	17.7	12.4	12.6	328.4	328.4	99.9	99.9	35.1	60.
33.2	107.6	11972.4	200.0	-61.6	-59.9	218.8	15.1	7.7	12.9	333.3	333.3	99.9	99.9	37.4	59.
34.4	113.5	12744.5	175.0	-65.2	-59.9	228.0	16.8	12.1	11.7	342.3	339.9	99.9	99.9	40.3	57.
35.9	118.0	13735.7	150.0	-62.4	-59.9	235.8	15.9	13.2	8.9	362.6	339.9	99.9	99.9	43.8	57.
37.4	124.7	14868.0	125.0	-68.1	-59.9	254.2	14.1	13.6	3.9	384.3	339.9	99.9	99.9	47.2	57.
39.5	134.7	16265.8	100.0	-81.1	-59.9	259.9	99.9	99.9	99.9	400.7	339.9	99.9	99.9	50.9	999.
41.9	99.9	99.9	75.0	95.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
44.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
49.9	99.9	99.9	25.0	59.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
54.9	99.9	99.9	25.0	59.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

26 APRIL 1979
206 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.9	253.0	976.3	11.6	10.5	320.0	8.8	5.7	-6.7	286.7	307.8	8.2	93.0	0.0	0.
55.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	9.0	264.2	975.0	11.2	9.9	320.8	13.5	7.0	-11.5	286.4	306.6	7.9	91.4	0.5	121.
0.9	11.3	488.9	950.0	9.1	8.4	331.1	13.0	6.3	-11.4	286.4	305.3	7.3	95.0	0.8	131.
1.6	13.6	700.9	925.0	7.3	6.6	337.5	13.2	5.1	-12.2	286.8	304.0	6.6	95.4	1.3	140.
2.4	16.0	927.5	900.0	9.7	9.1	329.9	10.7	5.4	-9.3	291.2	312.8	8.1	95.7	2.0	147.
3.4	19.4	1163.7	875.0	12.4	11.9	275.9	6.1	6.0	-0.6	296.7	323.6	10.1	96.8	2.3	153.
4.3	23.9	1407.7	850.0	12.2	11.8	236.6	7.5	6.1	4.4	298.9	326.5	10.3	97.5	2.5	177.
5.1	23.4	1652.6	825.0	11.7	11.3	210.2	10.7	5.4	9.3	301.0	328.9	10.3	97.5	2.4	178.
6.2	23.8	1916.2	800.0	10.2	9.6	211.7	12.6	6.6	10.7	302.8	328.1	9.6	97.2	2.4	180.
7.2	23.4	2180.6	775.0	8.8	8.4	223.0	13.5	9.2	9.9	303.3	327.9	9.0	97.0	2.8	92.
8.2	30.9	2451.9	750.0	6.9	6.6	231.2	14.2	11.1	8.9	304.1	326.8	8.2	97.5	3.4	82.
9.2	33.5	2730.6	725.0	5.2	4.8	235.2	15.7	12.9	9.0	305.2	326.1	7.5	97.3	4.3	77.
10.7	36.2	3016.7	700.0	3.0	1.7	233.6	16.1	13.0	9.5	305.9	323.5	6.2	91.1	5.3	72.
11.5	38.9	3311.0	675.0	1.3	-0.2	230.7	14.9	11.5	9.5	307.1	323.2	5.6	89.4	6.3	69.
12.7	41.7	3614.5	650.0	-0.2	-1.9	229.1	15.4	11.7	10.1	309.3	323.6	5.1	88.1	7.3	66.
14.1	44.4	3927.5	625.0	-2.8	-4.0	229.2	16.3	12.4	10.7	309.3	323.6	4.5	91.0	8.6	63.
15.5	47.3	4250.7	600.0	-4.0	-4.7	236.0	16.1	13.4	9.0	311.6	324.8	4.5	94.4	10.0	62.
16.8	50.2	4566.3	575.0	-5.6	-6.5	242.8	16.5	14.7	7.5	313.4	325.7	4.1	93.3	11.3	62.
18.2	53.2	4934.1	550.0	-7.7	-8.7	245.5	15.8	14.3	6.5	314.9	325.9	3.6	93.0	12.6	62.
19.6	56.3	5295.2	525.0	-9.9	-13.4	246.9	16.3	15.0	6.4	316.6	324.7	2.6	78.6	13.9	62.
21.2	59.4	5669.9	500.0	-12.5	-15.8	245.4	15.9	14.5	6.6	317.8	324.8	2.2	76.3	15.4	63.
22.7	62.6	6060.0	475.0	-15.2	-22.2	244.7	16.2	14.6	6.9	319.2	323.6	1.4	55.0	16.9	63.
24.4	66.0	6466.1	450.0	-18.4	-24.7	241.9	17.5	15.5	8.2	320.2	324.0	1.1	57.4	18.6	63.
26.3	69.4	6890.8	425.0	-20.9	-25.2	251.6	20.7	19.6	6.5	322.2	325.4	0.0	2.8	20.8	63.
28.0	72.7	7335.1	400.0	-25.0	-35.8	252.0	20.8	19.0	6.2	322.8	324.1	0.4	35.8	22.9	64.
29.7	76.4	7800.9	375.0	-28.7	-35.2	248.8	18.8	17.5	6.8	323.6	325.4	0.5	53.4	24.9	65.
31.6	80.3	8291.1	350.0	-32.6	-40.7	245.2	17.8	16.1	7.5	324.8	325.9	0.3	44.0	27.0	65.
33.3	84.3	8806.3	325.0	-37.2	-48.2	238.5	19.4	16.6	10.2	325.4	326.0	0.1	30.6	28.8	65.
35.2	88.3	9356.4	300.0	-41.5	99.9	230.8	21.0	16.3	13.3	326.8	326.9	99.9	99.9	30.9	64.
37.3	92.8	9939.9	275.0	-46.9	99.9	228.6	21.4	16.0	14.1	327.3	327.3	99.9	99.9	33.7	63.
39.9	97.4	10563.3	250.0	-52.7	99.9	220.7	20.4	13.3	15.5	327.8	327.8	99.9	99.9	36.7	61.
42.1	102.2	11234.5	225.0	-56.6	99.9	226.2	26.1	18.8	18.1	328.8	328.8	99.9	99.9	39.4	60.
44.5	107.5	11964.8	200.0	-62.7	99.9	224.2	18.3	12.7	13.1	333.8	333.8	99.9	99.9	43.1	59.
46.9	113.3	12787.1	175.0	-65.5	99.9	206.1	12.9	5.7	11.6	341.6	341.6	99.9	99.9	46.6	58.
51.1	119.7	13723.0	150.0	-61.7	99.9	233.0	17.8	14.2	10.7	363.8	363.8	99.9	99.9	48.4	57.
54.9	126.7	14859.0	125.0	-61.2	99.9	256.9	14.5	14.1	3.3	384.2	384.2	99.9	99.9	52.5	57.
60.1	134.7	16262.6	100.0	-57.2	99.9	99.9	99.9	99.9	99.9	417.2	417.2	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
 COLUMBIA, MISSOURI

 26 APRIL 1979
 510 GHT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.6	253.0	979.6	9.7	8.0	330.0	6.7	3.4	-5.8	284.5	302.2	6.9	89.0	0.0	0.
99.9	99.9	1000.0	1000.0	55.9	99.9	99.9	99.9	99.9	-8.3	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.0	292.1	975.0	8.9	7.1	336.0	9.1	3.7	-8.3	284.1	300.8	6.5	88.4	0.5 123.	0.
1.0	11.4	506.9	950.0	7.0	6.3	335.8	11.0	4.5	-10.1	284.2	300.6	6.3	95.2	0.6 134.	0.
1.8	13.8	725.7	925.0	9.0	4.5	337.6	13.2	5.0	-12.2	284.5	299.3	5.7	96.5	1.8 144.	0.
2.7	16.3	949.4	900.0	4.2	3.6	343.2	14.9	4.1	-13.4	285.8	300.3	5.5	96.3	2.1 149.	0.
3.6	18.0	1175.0	875.0	5.3	4.8	341.4	14.9	4.7	-14.1	289.3	305.7	6.2	96.5	2.9 154.	0.
4.4	21.1	1416.9	850.0	6.2	5.6	330.6	14.5	7.1	-12.6	292.6	310.6	6.7	96.1	3.6 154.	0.
5.4	23.7	1662.3	825.0	6.4	5.6	309.9	13.7	10.5	-8.6	295.2	314.0	6.9	94.6	4.4 153.	0.
6.4	26.2	1916.5	800.0	8.4	7.4	285.8	15.6	14.5	-4.1	300.1	322.2	8.1	93.1	5.1 147.	0.
7.4	28.9	2179.4	775.0	8.0	6.6	257.5	12.8	12.4	2.8	302.4	324.2	8.0	91.1	5.6 140.	0.
8.3	31.4	2449.8	750.0	6.1	5.2	258.4	14.2	13.9	2.9	303.3	323.9	7.4	93.6	6.0 134.	0.
9.2	34.1	2727.4	725.0	4.4	3.7	253.3	16.6	15.4	4.6	304.3	323.6	6.9	94.9	6.5 127.	0.
10.3	36.9	3012.8	700.0	2.7	1.9	246.4	17.6	15.7	7.5	305.5	323.3	6.3	94.7	7.1 120.	0.
11.3	39.6	3306.9	675.0	1.0	0.1	235.7	18.3	15.1	10.3	306.7	323.1	5.7	93.7	7.7 113.	0.
12.5	42.4	3508.9	650.0	-0.6	-2.0	233.9	19.9	18.3	11.1	308.2	323.0	5.1	90.5	8.4 105.	0.
13.6	45.2	3722.5	625.0	-3.2	-4.0	239.1	19.3	16.5	9.9	308.8	322.1	4.5	93.8	9.3 99.	0.
14.8	49.1	4244.3	600.0	-5.2	-15.6	243.4	18.1	16.2	8.1	310.2	316.0	1.9	43.7	10.4 95.	0.
16.1	51.2	4577.6	575.0	-6.9	-23.9	243.5	19.8	17.7	8.8	311.5	315.1	1.0	24.2	11.7 91.	0.
17.3	54.3	4923.1	550.0	-9.1	-26.0	242.3	20.4	18.1	9.5	313.2	316.0	0.8	23.9	13.0 88.	0.
18.6	57.4	5281.0	525.0	-11.9	-27.4	244.6	21.9	19.8	9.4	314.1	316.7	0.8	26.4	14.5 85.	0.
19.9	60.6	5622.9	500.0	-14.6	-31.1	241.8	24.8	21.9	11.7	315.2	317.2	0.6	23.0	16.2 83.	0.
21.2	63.9	6039.1	475.0	-17.4	-30.5	237.7	25.7	21.9	13.3	316.4	318.6	0.6	30.8	17.9 81.	0.
22.5	67.3	6443.0	450.0	-15.7	-40.6	237.4	27.7	23.3	14.9	318.5	319.4	0.2	13.5	19.9 78.	0.
23.7	70.7	6865.0	425.0	-22.5	-46.6	239.6	27.7	23.9	14.0	320.1	321.8	0.5	32.6	21.8 76.	0.
25.1	74.3	7307.7	400.0	-25.4	-46.6	241.3	26.2	22.9	12.6	322.0	323.8	0.5	41.3	24.2 75.	0.
26.6	78.1	7772.8	375.0	-29.1	-37.3	235.1	23.7	19.5	13.6	323.0	324.5	0.4	44.7	26.2 74.	0.
28.2	82.0	8262.9	350.0	-32.4	-38.7	219.6	24.5	15.6	18.9	325.0	326.4	0.4	53.2	28.2 72.	0.
29.8	86.0	8780.2	325.0	-37.0	-43.3	203.7	25.9	11.2	23.4	325.7	326.6	0.2	51.1	30.1 69.	0.
31.3	90.2	9328.2	300.0	-42.0	-59.9	196.5	26.5	7.5	25.4	326.0	326.6	0.2	99.9	31.8 66.	0.
32.9	94.8	9910.5	275.0	-47.2	-59.9	187.6	27.4	3.6	27.2	326.5	326.6	0.2	99.9	33.4 62.	0.
34.7	99.4	10533.8	250.0	-52.7	-59.9	185.6	29.2	2.9	29.1	327.7	327.7	0.2	99.9	35.2 58.	0.
36.9	104.5	11203.9	225.0	-58.3	-59.9	192.8	29.2	6.5	28.4	327.6	327.6	0.2	99.9	37.8 53.	0.
39.3	109.6	11933.0	200.0	-62.5	-59.9	207.8	28.1	13.1	24.9	333.8	329.9	0.2	99.9	41.3 50.	0.
41.7	115.8	12750.0	175.0	-65.0	-59.9	211.2	23.6	12.2	20.2	341.8	329.9	0.2	99.9	44.7 49.	0.
44.8	122.3	13654.0	150.0	-61.2	-59.9	245.4	20.0	18.2	8.4	364.7	329.9	0.2	99.9	48.6 48.	0.
48.9	129.3	14843.3	125.0	-55.1	-59.9	268.7	12.9	12.8	0.3	388.1	329.9	0.2	99.9	52.8 50.	0.
54.0	137.3	16242.5	100.0	-56.7	-59.9	99.9	99.9	99.9	99.9	414.3	329.9	0.2	99.9	99.9 99.	0.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.	0.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.	0.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.	0.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

26 APRIL 1979
095 GHT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.3	253.0	580.3	7.0	5.1	320.0	5.7	3.7	-0.4	282.4	297.1	5.6	83.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	0.6	297.8	575.0	7.5	5.0	332.9	6.7	3.1	-0.0	282.7	297.2	5.6	84.4	0.4	86.0
0.9	11.2	511.3	950.0	5.5	4.3	337.5	7.9	3.0	-7.3	282.6	297.0	5.5	92.2	0.7	127.0
1.7	13.5	728.9	925.0	3.5	3.2	337.3	6.6	3.4	-6.1	282.6	296.4	5.2	97.5	1.1	139.0
2.4	15.9	959.9	900.0	1.8	1.5	337.0	9.4	3.7	-8.7	283.4	295.8	4.8	97.7	1.4	143.0
3.3	18.3	1178.9	875.0	4.5	-1.6	335.5	9.6	4.6	-8.6	288.8	299.0	3.9	64.7	2.0	147.0
4.2	20.7	1416.0	850.0	5.3	-3.2	331.2	11.3	5.4	-9.9	291.7	301.5	3.6	54.4	2.5	149.0
5.2	23.2	1659.5	825.0	5.5	-25.2	326.6	12.5	6.9	-10.5	294.4	296.2	0.6	6.7	3.2	149.0
6.2	25.7	1910.5	800.0	4.8	-25.2	320.2	12.7	8.1	-9.6	296.3	298.2	0.6	9.1	4.0	147.0
7.2	28.2	2168.6	775.0	2.6	-18.5	312.2	11.9	8.8	-9.6	297.7	301.9	1.1	16.8	4.7	146.0
8.1	30.8	2434.2	750.0	2.5	-20.9	291.2	13.9	12.9	-8.0	299.2	302.3	1.0	15.8	5.4	143.0
9.2	33.4	2708.1	725.0	2.6	-22.0	269.2	15.7	15.7	0.2	302.2	305.2	0.9	14.4	6.1	137.0
10.3	36.1	2991.4	700.0	1.7	-27.2	257.5	14.5	14.1	3.1	304.4	306.3	0.6	9.4	6.7	130.0
11.4	38.8	3283.3	675.0	-0.6	-25.3	257.3	14.2	13.8	3.1	305.0	307.3	0.7	13.2	7.3	124.0
12.5	41.6	3585.4	650.0	-2.1	-22.5	262.5	16.1	16.0	2.1	305.5	308.5	1.0	20.7	8.0	119.0
13.6	44.3	3892.4	625.0	-4.9	-26.7	266.7	21.7	21.6	1.3	306.6	309.0	0.7	16.2	9.1	115.0
14.7	47.1	4218.2	600.0	-6.3	-20.7	262.2	23.8	25.5	3.5	308.6	312.7	1.2	30.8	10.6	110.0
15.1	50.1	4543.6	575.0	-8.8	-13.8	699.9	99.9	99.9	99.9	309.7	316.7	2.3	66.7	999.9	999.9
17.4	53.0	4886.7	550.0	-11.0	-14.4	999.9	99.9	99.9	99.9	311.0	318.0	2.2	88.4	999.9	999.9
19.6	56.1	5242.3	525.0	-14.1	-15.6	999.9	99.9	99.9	99.9	311.5	318.2	1.9	94.9	17.6	94.0
23.0	59.3	5611.0	500.0	-17.0	-17.6	999.9	99.9	99.9	99.9	312.4	318.3	1.5	90.2	19.8	91.0
21.2	62.4	5994.5	475.0	-15.5	-20.7	252.4	31.4	29.9	9.5	313.9	318.8	0.9	63.4	22.0	89.0
21.8	65.7	6394.6	450.0	-21.9	-27.0	250.1	35.2	33.1	12.0	315.7	319.8	0.5	37.8	25.7	86.0
24.3	69.1	6813.7	425.0	-24.1	-34.4	244.5	31.9	28.8	13.7	318.1	319.8	0.5	3.5	32.5	79.0
25.7	72.7	7258.6	400.0	-27.2	-58.0	236.0	23.0	23.0	15.5	319.7	319.8	0.0	4.7	34.8	76.0
27.2	76.3	7715.2	375.0	-30.6	-59.7	232.6	27.2	25.6	16.6	321.1	321.2	0.0	999.9	37.0	73.0
29.1	80.1	8201.1	350.0	-34.9	-62.1	225.2	25.3	18.1	18.0	323.2	323.3	0.0	999.9	38.6	68.0
30.8	84.0	8718.1	325.0	-38.8	-64.3	217.1	26.3	15.8	21.0	323.2	323.3	0.0	999.9	39.9	63.0
32.7	89.2	9258.6	300.0	-43.1	99.9	202.1	27.8	10.4	25.7	324.2	324.2	0.0	999.9	42.7	56.0
34.6	92.5	9840.9	275.0	-47.3	99.9	179.9	30.9	-0.1	30.9	326.7	326.7	0.0	999.9	45.4	54.0
36.9	97.0	10463.0	250.0	-52.7	99.9	174.3	32.1	-3.2	31.9	327.6	327.6	0.0	999.9	50.1	53.0
39.4	102.0	11133.7	225.0	-58.3	99.9	188.7	33.4	5.1	33.0	329.2	329.2	0.0	999.9	54.6	54.0
41.4	107.2	11868.6	200.0	-61.7	99.9	210.1	26.4	13.2	22.8	335.1	335.1	0.0	999.9	57.3	55.0
44.6	113.0	12654.4	175.0	-59.1	99.9	236.1	25.4	21.1	14.2	382.3	382.3	0.0	999.9	999.9	999.9
48.0	119.3	13668.1	150.0	-56.9	99.9	257.6	17.3	16.9	3.7	372.1	372.1	0.0	999.9	999.9	999.9
52.2	126.3	14826.9	125.0	-57.3	99.9	271.6	7.5	7.5	-0.2	391.4	391.4	0.0	999.9	999.9	999.9
57.5	134.0	16230.4	100.0	-54.4	99.9	999.9	99.9	99.9	99.9	418.8	418.8	0.0	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

26 APRIL 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV 1 DG K	E POT 1 DG K	MX RTO GM/KG	RM P-T	RANGE KM	AZ DG
0.0	8.4	253.0	980.7	6.9	3.7	310.0	6.2	4.7	-4.0	281.6	294.8	5.1	80.0	0.0	0.
99.9	99.9	59.9	1003.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	8.9	300.8	975.0	6.28	99.9	316.5	10.8	7.4	-7.8	281.4	999.9	99.9	999.9	0.5	94.
1.0	11.2	512.7	950.0	4.36	99.9	319.4	12.9	8.4	-9.8	281.4	999.9	99.9	999.9	0.8	121.
1.6	13.5	728.7	925.0	2.48	99.9	327.4	12.1	6.5	-10.2	281.6	999.9	99.9	999.9	1.4	129.
2.6	15.9	949.1	900.0	0.9	99.9	344.1	12.5	3.4	-12.0	282.4	999.9	99.9	999.9	2.0	137.
3.4	18.3	1175.0	875.0	0.8	99.9	359.1	13.8	0.2	-13.8	282.6	999.9	99.9	999.9	2.5	147.
4.4	23.6	1409.3	850.0	3.0	-8.9	350.2	13.0	2.2	-12.8	289.3	295.9	1.7	42.7	3.3	155.
5.2	23.1	1651.0	825.0	3.0	-12.9	333.0	11.6	5.2	-10.3	291.8	296.7	1.7	29.8	3.9	155.
6.3	25.6	1900.2	800.0	3.0	-18.3	318.2	12.6	8.4	-9.4	294.3	297.7	1.1	19.2	4.6	154.
7.4	28.1	2157.6	775.0	3.6	-19.0	314.1	13.0	9.3	-9.0	297.7	301.8	1.1	17.3	5.4	151.
8.4	30.7	2423.0	750.0	2.0	-20.2	299.9	99.9	99.9	99.9	299.6	301.9	1.0	17.4	6.2	147.
9.3	33.2	2695.5	725.0	0.3	-23.2	299.9	99.9	99.9	99.9	299.6	303.4	0.8	15.0	999.9	999.9
10.4	35.9	2975.7	700.0	-1.6	-24.7	299.9	99.9	99.9	99.9	300.7	303.0	0.7	15.1	999.9	999.9
11.3	38.6	3243.9	675.0	-4.1	-26.4	299.9	99.9	99.9	99.9	301.1	303.1	0.6	15.3	999.9	999.9
12.5	41.3	3568.5	650.0	-5.8	-29.6	299.9	99.9	99.9	99.9	302.4	304.2	0.6	14.6	9.0	138.
13.6	44.1	3866.3	625.0	-8.0	-29.7	289.3	17.2	16.2	-5.7	303.2	305.0	0.5	15.4	10.0	135.
14.8	46.9	4182.4	600.0	-9.6	-32.7	282.5	17.4	16.9	-3.7	305.6	306.2	0.4	13.2	11.0	132.
16.1	49.8	4506.3	575.0	-12.1	-34.5	275.8	20.9	20.8	-2.1	305.6	307.0	0.4	13.4	12.3	128.
17.2	52.8	4848.2	550.0	-13.4	-35.5	270.7	23.5	23.1	-0.3	305.1	309.3	0.3	13.6	13.6	126.
18.6	55.8	5201.0	525.0	-15.1	-30.5	260.1	29.5	29.1	5.1	310.3	312.2	0.6	25.5	15.2	120.
19.8	58.9	5568.6	500.0	-16.7	-24.2	251.2	35.7	33.6	11.5	312.7	316.2	1.1	52.0	17.1	114.
21.0	62.1	5958.6	475.0	-18.9	-24.5	247.9	36.8	34.1	13.9	314.8	318.1	1.1	61.1	18.9	109.
22.4	65.4	6352.5	450.0	-22.5	-27.5	245.5	38.3	34.9	15.9	315.8	319.4	0.9	63.7	21.6	102.
23.8	68.7	6770.2	425.0	-24.6	-32.9	232.0	32.0	25.2	19.7	317.5	319.4	0.6	45.9	23.8	98.
25.6	72.3	7209.0	400.0	-28.1	-43.0	230.3	34.0	26.2	21.8	318.5	319.2	0.2	22.2	28.3	92.
27.6	75.9	7668.3	375.0	-32.3	-42.2	224.0	33.8	23.5	24.3	319.9	319.8	0.2	36.4	29.3	87.
29.5	79.6	8158.7	350.0	-36.7	-42.2	223.8	35.2	24.3	25.4	319.2	320.2	0.3	56.4	32.1	82.
31.3	83.5	8655.4	325.0	-41.1	99.9	224.7	36.3	25.5	25.8	320.0	999.9	99.9	999.9	35.4	78.
33.1	87.5	9159.5	300.0	-44.2	99.9	237.4	32.2	27.1	17.3	323.1	999.9	99.9	999.9	38.7	75.
34.9	91.8	9779.0	275.0	-47.2	99.9	235.9	25.6	15.0	20.8	325.8	999.9	99.9	999.9	41.4	74.
36.7	96.4	10402.9	250.0	-52.2	99.9	210.1	29.1	14.6	25.2	325.5	999.9	99.9	999.9	43.4	71.
38.3	101.2	11078.9	225.0	-56.8	99.9	215.2	29.4	17.0	24.1	331.4	999.9	99.9	999.9	47.6	68.
42.1	108.5	11824.9	200.0	-57.2	99.9	219.3	26.4	16.7	20.4	342.1	999.9	99.9	999.9	51.2	65.
45.2	112.3	12472.2	175.0	-56.1	99.9	238.0	25.9	22.0	13.7	357.3	999.9	99.9	999.9	55.9	64.
49.0	119.5	13654.1	150.0	-55.7	99.9	262.6	19.9	19.7	2.6	375.1	999.9	99.9	999.9	61.0	64.
53.3	125.3	14819.5	125.0	-56.3	99.9	277.2	8.5	9.8	-1.2	393.6	999.9	99.9	999.9	64.2	66.
59.0	131.3	16241.1	100.0	-56.8	99.9	999.9	99.9	99.9	99.9	418.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

28 APRIL 1979
1122 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT CG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
3.0	11.9	556.0	933.4	17.2	0.1	230.0	99.9	99.9	99.9	244.1	315.8	7.3	55.8	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.6	673.5	925.0	18.6	-4.5	267.5	15.6	15.6	0.7	208.2	306.8	3.0	20.5	0.5	50.
1.0	14.8	911.3	900.0	25.5	-5.8	251.2	12.6	12.6	4.1	307.2	316.1	2.8	12.2	1.0	67.
2.0	17.1	1157.9	875.0	24.5	-6.5	257.9	8.6	8.6	1.8	309.2	317.4	2.7	12.2	1.0	67.
2.9	19.3	1410.3	850.0	22.6	-7.8	288.2	8.4	8.4	-2.7	309.2	317.4	2.5	12.4	2.0	71.
5.1	23.9	1923.9	800.0	19.9	-9.4	288.9	11.3	9.8	-5.6	311.3	318.7	2.4	12.5	2.0	83.
6.2	26.3	2205.9	775.0	17.7	-11.2	287.9	14.7	13.9	-4.5	312.6	319.4	2.1	12.9	4.2	95.
7.3	28.6	2484.4	750.0	15.1	-12.0	284.4	13.5	13.5	-3.5	313.0	319.3	2.0	14.2	5.1	97.
9.4	31.1	2765.4	725.0	12.1	-11.1	281.0	13.6	13.3	-2.6	312.7	319.7	2.3	18.5	6.0	98.
9.4	33.5	3061.8	700.0	9.4	-12.5	280.3	14.8	14.6	-2.6	312.9	319.4	2.1	19.9	6.9	98.
10.5	36.0	3361.6	675.0	6.4	-10.8	272.5	13.8	13.8	-0.6	313.6	320.7	2.5	27.7	7.8	98.
11.6	38.6	3669.8	650.0	2.7	-11.2	271.6	13.4	13.4	-0.4	313.1	320.8	2.5	32.6	8.7	97.
12.9	41.2	3986.6	625.0	0.9	-11.7	273.4	13.8	13.8	-0.8	313.2	321.2	2.5	38.3	9.7	97.
13.9	43.8	4312.9	600.0	-2.1	-12.4	278.4	15.1	14.9	-2.2	313.6	321.3	2.5	45.3	10.7	97.
15.1	46.6	4646.3	575.0	-5.3	-13.4	284.7	15.1	14.6	-3.6	313.6	321.1	2.4	52.8	11.8	97.
16.5	49.3	4956.7	550.0	-8.1	-17.8	276.6	12.7	12.6	-1.6	314.5	319.9	1.7	45.2	12.0	98.
17.8	52.1	5356.5	525.0	-10.5	-20.7	261.2	11.7	11.5	-1.8	315.8	320.4	1.4	42.8	13.0	98.
19.4	55.0	5738.5	500.0	-12.9	-24.0	257.0	13.1	12.7	-2.9	317.6	321.4	1.1	37.4	14.9	95.
20.9	58.0	6128.5	475.0	-15.0	-27.1	263.1	13.4	13.3	-1.6	319.4	322.3	0.9	34.7	16.0	94.
22.4	61.0	6526.9	450.0	-17.8	-36.0	276.3	14.2	14.1	-1.6	320.9	322.2	0.4	18.4	17.2	94.
24.0	64.1	6952.2	425.0	-20.8	-45.4	293.4	16.7	15.3	-6.6	322.4	322.9	0.2	8.9	18.7	95.
25.6	67.4	7357.1	400.0	-24.7	-39.4	285.6	17.9	16.9	-6.0	322.9	324.0	0.3	23.9	20.2	96.
27.4	70.7	7963.0	375.0	-28.9	-38.3	282.2	20.1	19.7	-4.3	323.3	324.6	0.4	23.7	22.3	97.
29.3	74.1	8352.5	350.0	-32.6	-39.0	282.6	23.0	22.5	-5.0	324.6	326.1	0.4	52.7	24.7	97.
31.2	77.7	8869.6	325.0	-37.4	-43.2	288.0	22.0	20.9	-6.8	325.1	328.1	0.3	54.0	27.4	98.
33.2	81.5	9416.2	300.0	-42.9	-49.9	299.2	24.1	22.8	-7.9	325.4	329.9	99.9	99.9	30.0	99.
35.3	83.4	9992.8	275.0	-47.2	-59.9	289.8	27.0	25.4	-9.1	326.6	329.9	99.9	99.9	33.0	100.
37.3	89.5	10621.8	250.0	-52.9	-59.9	293.3	25.9	23.8	-10.2	327.4	329.9	99.9	99.9	36.4	101.
39.6	93.8	11291.8	225.0	-58.5	-60.9	299.3	23.4	20.4	-11.5	328.2	329.9	99.9	99.9	39.7	102.
42.3	98.5	12022.1	200.0	-60.9	-60.9	298.7	25.3	22.1	-12.1	328.2	329.9	99.9	99.9	42.6	103.
45.0	103.6	12654.3	175.0	-63.6	-69.9	297.4	31.7	28.2	-14.6	345.1	329.9	99.9	99.9	47.6	105.
48.2	109.0	13755.2	150.0	-62.3	-69.9	295.1	32.3	29.2	-13.7	352.5	329.9	99.9	99.9	53.8	106.
51.8	115.0	14936.8	125.0	-68.1	-69.9	296.2	24.6	22.1	-10.9	386.2	329.9	99.9	99.9	60.7	108.
55.3	122.0	16320.4	100.0	-60.5	-69.9	299.9	99.9	99.9	99.9	410.5	329.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	-56.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

25 APRIL 1979
1424 GMT

TIME M/Y	CMVCT	HEIGHT GPH	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCP	RANGE KM	AZ DG
0.0	12.7	596.0	934.1	23.8	-0.5	270.0	7.7	7.7	0.0	302.6	314.2	4.0	20.8	100	181.0
0.9	93.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	0.0
9.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	13.5	681.1	525.0	22.4	-0.9	280.3	8.5	8.3	-1.5	302.2	313.4	3.9	21.4	0.3	53.0
1.2	15.9	919.7	900.0	24.3	-1.8	284.2	18.6	10.3	-2.6	306.6	317.5	3.7	17.6	0.7	78.0
2.1	18.2	1165.0	875.0	22.8	-3.9	326.5	9.1	5.0	-7.6	309.7	317.2	3.3	16.5	1.3	96.0
3.1	20.6	1416.9	850.0	22.4	-5.6	313.9	11.7	8.4	-8.1	309.7	316.6	3.0	14.8	1.6	112.0
3.9	23.0	1675.0	825.0	20.7	-6.6	317.4	10.4	7.1	-7.7	310.5	319.1	2.6	15.3	2.1	118.0
4.9	25.5	1939.4	800.0	18.3	-8.4	322.0	9.8	6.0	-7.7	310.5	319.1	2.6	15.3	2.1	118.0
5.9	28.0	2209.7	775.0	15.9	-8.2	314.5	9.5	7.1	-7.0	310.5	319.1	2.2	16.2	3.3	126.0
6.8	30.6	2487.0	750.0	14.0	-9.7	295.5	10.0	9.0	-4.3	311.7	319.2	2.4	18.3	3.8	126.0
7.5	33.1	2771.3	725.0	11.7	-11.4	272.9	10.7	9.8	-1.7	312.3	319.1	2.2	18.3	4.2	126.0
9.5	35.6	3065.3	700.0	9.4	-11.8	272.9	10.7	10.7	-0.5	312.3	319.1	2.2	18.3	4.2	126.0
10.5	41.2	3363.2	675.0	6.6	-12.6	270.1	10.3	10.3	-0.0	313.1	319.8	2.2	21.1	5.2	110.0
11.9	44.0	3987.7	625.0	1.0	-13.3	258.5	12.2	12.0	2.4	313.6	320.4	2.2	33.2	6.6	100.0
13.5	46.8	4314.3	600.0	-1.8	-12.6	265.9	13.3	13.2	1.0	314.0	321.5	2.4	43.6	7.7	105.0
15.1	49.8	4651.1	575.0	-4.5	-13.6	268.6	12.1	12.1	0.3	314.5	322.0	2.4	43.6	8.9	103.0
16.6	52.8	4959.7	550.0	-7.1	-16.3	265.6	11.8	11.8	0.9	315.7	321.9	2.0	47.8	9.9	101.0
19.0	55.5	5361.4	525.0	-2.6	-20.0	265.7	14.4	14.4	1.1	316.1	322.9	1.5	39.1	11.0	100.0
17.5	53.9	5738.2	500.0	-10.7	-23.4	269.3	13.7	13.7	0.2	320.3	323.8	1.2	34.2	12.3	98.0
21.0	62.0	6129.9	475.0	-14.4	-25.3	274.5	12.4	12.4	-1.0	320.3	323.6	1.0	38.5	13.4	98.0
22.7	65.3	6537.3	450.0	-17.9	-25.8	281.6	12.6	12.3	-2.5	320.7	324.1	1.0	50.1	14.7	98.0
24.6	68.7	6982.3	425.0	-21.4	-29.5	289.4	16.2	15.3	-5.4	321.6	324.3	0.8	47.6	16.2	99.0
26.3	72.1	7406.5	400.0	-24.8	-32.6	292.3	17.7	16.4	-6.7	322.6	324.9	0.6	47.7	18.0	100.0
28.3	75.9	7872.9	375.0	-28.7	-36.4	259.2	16.6	14.5	-8.1	323.7	325.2	0.4	46.7	19.9	101.0
30.2	79.6	8363.2	350.0	-32.8	-40.5	301.4	17.3	14.8	-9.0	324.6	325.7	0.3	45.7	21.9	103.0
32.4	83.5	8860.0	325.0	-37.5	-45.1	303.2	28.8	17.4	-11.4	325.1	325.8	0.2	44.5	24.0	105.0
35.4	87.7	9427.1	300.0	-42.3	-49.9	304.5	22.0	18.1	-12.5	325.7	325.8	0.2	44.5	27.9	108.0
37.7	92.0	10009.2	275.0	-47.5	-54.5	306.7	18.9	15.1	-11.3	326.2	326.2	0.2	44.5	31.7	110.0
41.1	96.5	10632.8	250.0	-52.5	-59.9	316.7	21.9	15.0	-16.0	326.1	326.1	0.2	44.5	34.3	111.0
206.3	101.4	11308.6	225.0	-55.2	-59.9	999.9	99.9	99.9	-16.0	326.1	999.9	99.9	999.9	999.9	999.9
49.9	106.6	12057.2	200.0	-56.7	-59.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	-59.9	-59.9	99.9	99.9	99.9	99.9	343.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

25 APRIL 1979
1714 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG K	E POT 'T DEG K	MX WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	12.6	566.0	936.7	23.8	11.5	360.0	10.3	0.0	-10.3	302.6	327.6	9.2	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.7	705.2	925.0	20.9	11.9	358.6	10.5	0.3	-10.5	300.6	326.5	9.6	50.7	0.6	180.
1.7	16.1	941.7	900.0	19.0	11.5	356.8	10.3	0.3	-10.3	301.6	326.0	9.5	61.7	1.5	179.
3.1	19.6	1182.6	875.0	17.1	11.6	355.2	10.3	1.3	-10.3	301.6	326.5	9.0	70.1	2.9	179.
4.1	21.0	1438.4	850.0	15.1	11.2	354.5	11.0	1.0	-10.0	302.8	328.9	9.9	77.5	3.7	178.
5.2	23.6	1683.5	825.0	13.4	6.1	333.7	8.2	3.6	-7.4	304.6	329.2	7.3	85.2	4.3	177.
6.2	26.1	1945.7	800.0	17.9	-6.8	274.1	6.1	6.1	-0.4	310.2	318.9	2.9	17.8	4.6	175.
7.3	29.7	2216.1	775.0	16.2	-8.1	260.9	7.4	7.3	1.2	311.2	319.4	2.7	17.9	4.3	168.
8.3	31.3	2493.5	750.0	14.1	-9.7	267.1	9.7	9.7	0.5	311.9	319.4	2.4	18.1	4.6	161.
9.5	34.0	2778.0	725.0	11.8	-11.5	251.0	9.2	8.7	3.0	312.4	319.2	2.2	18.3	4.7	156.
10.5	36.7	3070.1	700.0	9.2	-11.7	258.5	9.4	9.3	1.9	312.7	319.6	2.2	21.5	4.9	107.
11.6	39.4	3369.0	675.0	6.4	-12.2	252.2	9.5	9.0	2.9	312.6	319.7	2.2	25.0	5.1	101.
12.7	42.2	3678.0	650.0	3.9	-12.9	256.5	11.4	11.1	2.7	313.4	320.2	2.2	28.0	5.4	134.
13.9	45.1	3995.2	625.0	1.2	-13.8	263.6	11.5	12.9	1.4	313.9	320.5	2.1	31.6	6.0	127.
15.1	48.0	4322.0	600.0	-1.4	-14.4	260.0	11.5	11.4	2.0	314.5	321.0	2.1	36.2	6.7	122.
16.5	51.0	4660.0	575.0	-3.4	-16.3	269.0	9.9	9.2	3.5	316.8	321.9	1.9	36.2	7.3	117.
17.9	54.0	5009.8	550.0	-6.1	-19.7	256.7	11.0	10.7	2.5	316.8	321.5	1.4	33.1	7.9	112.
19.4	57.1	5373.1	525.0	-7.9	-21.1	277.1	14.0	13.9	-1.7	318.5	323.3	1.3	33.7	8.9	109.
20.7	60.3	5750.3	500.0	-11.1	-23.2	285.3	15.4	14.9	-4.1	319.6	323.4	1.2	36.0	10.1	109.
22.0	63.5	6142.0	475.0	-14.3	-25.0	295.0	14.3	13.0	-6.0	320.3	323.8	1.1	39.6	11.3	109.
23.4	66.9	6549.9	450.0	-16.8	-26.9	308.8	12.3	9.6	-7.7	322.2	324.8	0.8	33.8	12.4	110.
24.8	70.3	6976.7	425.0	-19.8	-37.9	319.1	12.7	9.0	-9.0	323.6	324.9	0.3	18.4	13.3	112.
26.3	73.9	7423.1	400.0	-23.7	-43.8	317.2	13.5	9.2	-9.9	324.2	324.9	0.2	13.7	14.4	114.
27.9	77.5	7890.8	375.0	-28.0	-47.1	320.3	15.9	10.2	-12.2	324.5	325.1	0.1	14.1	15.7	116.
29.7	81.3	8381.7	350.0	-32.1	-50.2	315.2	18.4	13.0	-13.1	325.4	325.8	0.1	14.4	17.3	118.
31.6	85.3	8900.3	325.0	-36.8	-51.4	308.8	27.4	21.4	-14.8	325.5	326.3	0.1	20.2	19.6	120.
33.6	89.4	9449.4	300.0	-41.1	59.9	308.8	32.0	23.5	-17.2	327.5	329.9	99.9	99.9	22.7	121.
35.5	93.8	10034.5	275.0	-45.9	99.9	312.8	32.0	23.5	-21.8	328.8	329.9	99.9	99.9	26.0	122.
37.5	98.4	10662.1	250.0	-51.4	99.9	312.6	33.8	24.9	-22.9	329.7	329.9	99.9	99.9	29.9	124.
39.6	103.4	11236.2	225.0	-56.7	99.9	313.5	34.2	24.8	-23.6	331.6	329.9	99.9	99.9	34.2	125.
41.9	108.0	12082.4	200.0	-58.6	99.9	308.1	37.0	29.0	-21.8	340.6	329.9	99.9	99.9	38.8	126.
44.6	114.5	12915.5	175.0	-60.0	99.9	311.0	42.4	32.0	-27.6	350.5	329.9	99.9	99.9	43.9	125.
47.5	120.8	13645.3	150.0	-63.8	99.9	299.9	26.9	23.3	-13.4	356.8	329.9	99.9	99.9	51.5	125.
50.9	127.8	14982.4	125.0	-61.4	99.9	293.5	26.8	24.0	-10.7	383.6	329.9	99.9	99.9	56.6	125.
55.0	135.7	16375.3	100.0	-58.4	99.9	99.9	99.9	99.9	99.9	415.0	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS25 APRIL 1979
2056 GMT

111 99. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	11.3	556.0	937.2	23.8	6.6	360.0	11.3	0.0	-11.3	302.5	320.7	6.5	33.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	575.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	59.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.4	12.3	708.6	925.0	19.8	9.8	359.0	13.1	0.2	-13.1	299.6	322.0	8.3	52.6	0.5	175.
1.3	14.5	945.1	900.0	17.6	9.2	7.0	13.1	-1.6	-13.0	299.7	321.9	8.2	57.7	1.1	179.
2.5	16.7	1125.0	875.0	15.0	8.0	11.3	13.1	-2.6	-12.9	299.4	320.4	7.7	63.0	2.0	184.
3.4	19.9	1429.9	850.0	12.9	6.1	12.3	14.1	-3.0	-13.8	299.6	321.4	8.0	72.7	2.7	186.
4.2	21.2	1681.2	825.0	12.5	7.3	11.8	10.4	-2.1	-10.1	302.5	324.5	7.8	66.3	3.4	187.
5.1	23.5	1948.7	800.0	13.6	3.5	347.6	5.4	1.2	-5.3	305.7	323.3	6.2	50.7	3.8	188.
6.1	25.8	2208.2	775.0	13.5	-3.0	273.2	5.2	5.2	-0.3	308.4	320.1	4.0	31.9	3.8	189.
7.0	28.1	2463.6	750.0	12.3	-8.2	268.7	8.2	8.2	0.8	309.5	318.2	2.7	23.0	3.8	179.
8.0	30.5	2766.5	725.0	10.1	-9.4	252.3	10.2	9.7	3.1	310.6	318.5	2.6	24.2	3.7	171.
9.1	32.9	3057.1	700.0	8.2	-11.5	246.3	11.3	10.6	2.7	313.5	319.9	2.0	25.5	3.7	149.
10.1	35.4	3356.2	675.0	6.1	-12.2	250.3	10.9	10.0	3.8	312.5	319.4	2.2	26.2	3.9	140.
11.1	37.0	3664.1	650.0	4.0	-13.7	254.9	10.4	10.0	2.7	313.5	319.9	1.9	28.4	4.2	131.
12.4	40.4	3981.4	625.0	1.3	-15.0	260.6	10.0	9.9	1.6	313.5	321.0	1.9	33.1	4.8	124.
13.6	43.0	4306.3	600.0	-1.1	-16.0	281.4	13.1	11.6	0.6	317.2	322.0	1.5	26.5	5.7	119.
14.9	45.7	4647.2	575.0	-2.4	-17.0	289.4	15.2	12.9	-2.6	318.4	321.8	1.1	21.7	6.7	117.
16.2	48.4	4996.5	550.0	-4.8	-23.4	279.3	15.6	15.4	-4.0	318.4	321.8	0.9	24.0	7.9	115.
17.5	51.2	5362.3	525.0	-8.2	-25.1	279.3	17.1	17.0	-2.5	318.4	321.8	0.8	24.1	9.1	112.
18.8	54.0	5738.0	500.0	-10.6	-27.3	274.3	18.9	18.9	-1.9	319.5	322.6	0.6	20.2	10.6	110.
20.1	56.9	6131.6	475.0	-13.2	-31.3	271.9	18.2	18.2	-0.6	322.6	324.1	0.4	15.5	12.1	108.
21.5	59.9	6541.2	450.0	-16.3	-36.5	271.9	16.3	16.3	1.1	324.4	325.4	0.3	13.2	13.5	106.
23.0	63.0	6968.6	425.0	-19.1	-40.4	266.0	16.3	16.3	1.1	324.4	325.4	0.2	16.1	14.9	104.
24.5	66.3	7416.0	400.0	-21.6	-42.2	266.0	17.5	17.5	-1.2	324.4	325.4	0.2	16.5	16.5	102.
25.9	69.5	7883.9	375.0	-27.8	-45.5	273.5	20.2	20.2	-6.0	325.4	325.9	0.2	25.0	18.9	102.
27.8	72.9	8375.0	350.0	-32.3	-45.6	285.8	22.1	21.3	-12.4	327.2	327.8	0.1	27.4	21.4	103.
29.7	76.4	8944.6	325.0	-35.9	-47.9	298.5	26.1	22.9	-19.5	327.2	327.8	0.1	27.4	21.4	103.
31.6	80.2	9444.6	300.0	-41.0	99.9	303.1	35.7	29.9	-23.0	330.3	330.9	99.9	99.9	24.8	106.
33.6	84.0	10031.0	275.0	-44.9	99.9	308.7	36.8	28.7	-22.7	330.3	330.9	99.9	99.9	29.2	109.
35.6	87.9	10645.3	250.0	-50.8	99.9	305.2	39.4	32.2	-27.1	330.6	330.9	99.9	99.9	33.5	114.
37.9	92.5	11339.5	225.0	-56.1	99.9	306.9	45.0	36.0	-24.8	334.7	334.7	99.9	99.9	39.3	114.
40.5	97.0	12077.8	200.0	-61.9	99.9	305.7	42.6	34.6	-26.3	334.7	334.7	99.9	99.9	45.6	116.
43.4	102.2	12898.1	175.0	-62.9	99.9	302.1	49.5	42.0	-26.3	334.7	334.7	99.9	99.9	53.4	116.
46.4	107.6	13846.9	150.0	-64.1	99.9	304.5	34.7	28.6	-19.6	359.7	359.7	99.9	99.9	61.4	118.
50.3	113.8	14969.1	125.0	-62.4	99.9	304.1	26.1	21.6	-14.7	381.5	381.5	99.9	99.9	68.1	118.
54.5	120.7	16349.9	100.0	-61.1	99.9	99.9	99.9	99.9	-14.7	409.8	409.8	99.9	99.9	999.9	999.9
59.9	99.9	99.9	75.0	45.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
94.9	99.9	99.9	50.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.0	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
CMILROSS, TEXAS

25 APRIL 1979
2306 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MIN RTO CM/KG	BN PCT	RANGE KM	AZ DEG
0.0	12.7	596.0	938.3	22.5	8.6	10.0	6.2	-1.1	-6.1	301.1	321.7	7.5	41.0	0.0	0.
05.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.9	719.4	925.0	19.7	9.7	41.7	2.9	-2.0	-2.2	299.5	321.7	8.2	52.3	0.6 190.	0.6 190.
1.1	16.3	950.5	900.0	16.9	8.8	19.2	7.8	-2.3	-0.6	298.5	320.6	0.0	59.0	0.0 194.	0.0 194.
2.3	18.8	1193.8	875.0	14.2	7.9	13.1	10.3	-2.3	-10.0	298.5	319.4	7.7	66.2	1.5 193.	1.5 193.
3.5	21.2	1438.0	850.0	12.3	8.1	12.6	9.8	-2.1	-9.5	299.0	320.6	8.0	75.9	2.2 193.	2.2 193.
4.5	23.7	1662.4	825.0	12.4	6.7	7.6	10.5	-1.4	-10.4	301.7	322.4	7.5	69.1	2.0 191.	2.0 191.
5.4	26.2	1947.7	800.0	13.6	3.9	35.2	10.5	0.9	-10.4	305.6	323.5	6.3	51.9	3.4 191.	3.4 191.
6.3	28.9	2214.3	775.0	11.9	2.1	317.3	9.4	3.7	-4.0	306.6	323.0	5.8	51.1	3.9 189.	3.9 189.
7.5	31.4	2488.2	750.0	10.0	0.3	297.8	8.5	4.0	-2.1	307.4	322.5	5.2	50.7	3.9 185.	3.9 185.
8.4	34.0	2769.1	725.0	8.9	-0.0	293.1	6.3	5.8	-2.5	309.2	317.9	2.9	29.4	4.0 181.	4.0 181.
9.5	36.7	3058.9	700.0	7.3	-9.3	288.2	8.3	8.0	-2.3	310.6	318.8	2.7	29.5	4.2 174.	4.2 174.
10.6	39.4	3357.3	675.0	5.6	-11.7	282.6	6.6	9.4	-2.1	311.9	319.0	2.3	27.5	4.4 167.	4.4 167.
11.9	42.1	3664.7	650.0	3.6	-12.0	279.2	9.5	9.4	-1.5	313.0	319.8	2.2	28.9	4.7 159.	4.7 159.
12.9	45.0	3981.6	625.0	1.2	-14.3	276.0	9.2	9.2	-1.0	313.0	320.1	2.0	30.3	5.1 153.	5.1 153.
14.2	47.9	4308.8	600.0	-0.6	-15.8	278.0	10.8	10.7	-1.5	315.5	321.3	1.9	30.3	5.5 146.	5.5 146.
15.5	50.8	4647.7	575.0	-2.8	-19.5	280.7	11.9	11.7	-2.2	316.7	321.3	1.4	26.3	6.1 140.	6.1 140.
16.9	53.8	4998.1	550.0	-5.4	-19.4	279.3	14.8	14.6	-2.4	317.7	322.5	1.5	34.5	8.2 129.	8.2 129.
18.3	56.9	5361.3	525.0	-8.4	-21.2	275.9	16.9	16.8	-1.6	318.4	322.7	1.3	34.5	8.2 129.	8.2 129.
19.7	60.0	5737.4	500.0	-12.1	-23.0	277.3	18.2	18.1	-2.3	318.3	322.2	1.2	39.7	9.4 124.	9.4 124.
21.1	63.3	6128.4	475.0	-14.5	-27.1	285.9	16.8	16.1	-4.6	320.0	322.9	0.9	33.5	10.8 121.	10.8 121.
22.6	66.6	6536.2	450.0	-17.0	-35.1	296.0	18.6	16.7	-8.1	321.6	323.3	0.4	18.9	12.3 120.	12.3 120.
24.1	70.0	6962.6	425.0	-15.8	-34.9	294.5	21.2	19.3	-8.8	323.6	325.2	0.5	24.6	14.1 119.	14.1 119.
25.8	73.6	7409.5	400.0	-23.4	-36.8	291.4	21.5	20.0	-7.0	324.4	326.1	0.4	27.6	16.3 118.	16.3 118.
27.5	77.2	7877.7	375.0	-27.6	-39.1	289.8	23.4	22.0	-12.6	325.1	327.2	0.3	32.1	18.5 117.	18.5 117.
29.2	81.0	8369.6	350.0	-31.6	-40.5	296.1	28.7	25.7	-19.5	327.4	328.1	0.2	33.0	24.6 117.	24.6 117.
31.0	85.0	8865.7	325.0	-35.8	-46.2	303.3	33.8	28.2	-19.5	328.2	329.9	0.2	33.0	28.6 116.	28.6 116.
33.0	89.2	9411.2	300.0	-40.5	-49.9	303.2	36.0	30.1	-19.7	328.2	329.9	0.2	33.0	33.3 119.	33.3 119.
35.0	93.5	10028.8	275.0	-44.6	-49.9	301.2	38.7	33.1	-20.1	330.6	329.9	0.2	33.0	38.6 119.	38.6 119.
37.3	98.2	10658.9	250.0	-50.4	-49.9	303.4	36.8	29.7	-21.8	332.9	329.9	0.2	33.0	44.3 120.	44.3 120.
39.8	103.0	11337.0	225.0	-56.2	-49.9	304.3	36.8	29.7	-21.8	335.9	329.9	0.2	33.0	49.9 121.	49.9 121.
42.4	108.4	12075.8	200.0	-61.5	-49.9	300.8	38.1	32.8	-19.5	335.9	329.9	0.2	33.0	57.7 120.	57.7 120.
45.3	114.3	12896.7	175.0	-67.8	-49.9	302.8	49.6	41.7	-26.8	344.7	329.9	0.2	33.0	64.1 121.	64.1 121.
46.3	120.5	13843.9	150.0	-64.7	-49.9	307.6	39.8	31.5	-24.3	350.8	329.9	0.2	33.0	72.9 122.	72.9 122.
52.0	127.3	14968.2	125.0	-62.2	-49.9	304.8	27.2	22.3	-15.5	382.4	329.9	0.2	33.0	99.9 999.	99.9 999.
56.6	135.3	16346.4	100.0	-60.5	-49.9	99.9	99.9	99.9	99.9	410.2	329.9	0.2	33.0	99.9 999.	99.9 999.
99.9	99.9	99.9	75.0	-55.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 999.	99.9 999.
99.9	99.9	99.9	50.0	-55.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 999.	99.9 999.
99.9	99.9	99.9	25.0	-59.0	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 999.	99.9 999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CHILDRESS, TEXAS
26 APRIL 1979
207 CAT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGY T DEG K	E POT T DEG K	WX WGT GM/KG	RH PCP	RANGE KM	AZ DEG
0.0	11.1	596.0	940.7	17.6	7.1	20.0	7.7	-2.6	-7.2	295.5	314.1	6.7	50.0	0.0	0.
0.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	12.5	738.6	925.0	16.4	7.9	25.5	12.5	-5.4	-11.3	296.1	315.6	7.2	57.1	0.4	201.
1.4	14.5	972.3	900.0	14.5	6.8	23.3	14.2	-5.6	-13.0	296.4	315.1	6.9	59.9	1.1	201.
2.3	16.9	1209.9	875.0	12.6	6.6	17.7	13.9	-4.2	-13.2	296.5	315.8	7.0	66.7	1.9	203.
3.3	19.1	1452.5	850.0	10.3	6.6	19.2	13.2	-4.3	-12.5	296.9	316.4	7.2	70.1	2.7	206.
4.4	21.6	1701.3	825.0	10.2	6.5	27.5	11.8	-5.4	-10.4	299.3	322.4	8.5	89.3	3.5	201.
5.6	23.6	1652.0	800.0	10.0	6.2	34.4	10.2	-5.8	-8.4	301.8	322.5	7.5	77.2	4.3	203.
6.8	25.9	2222.2	775.0	10.0	1.2	27.3	6.4	-2.9	-5.7	304.2	319.9	5.4	54.7	4.9	205.
7.9	25.2	2455.0	750.0	5.7	-1.5	23.8	4.6	2.9	-3.9	307.1	320.6	4.7	46.2	5.1	204.
9.2	33.6	2776.3	725.0	5.1	-7.0	307.1	9.0	7.2	-5.5	309.2	318.8	3.1	31.3	5.3	198.
10.3	33.0	3065.7	700.0	6.7	-8.3	298.0	10.9	9.6	-5.3	309.9	318.7	2.9	33.1	5.5	191.
11.5	35.5	3363.3	675.0	4.2	-10.2	290.5	11.8	11.0	-4.1	310.4	318.3	2.6	33.9	5.7	183.
12.6	38.0	3668.9	650.0	1.5	-10.9	289.7	11.8	11.1	-4.0	310.7	318.4	2.6	39.1	6.0	175.
13.9	40.6	3984.5	625.0	0.1	-12.6	285.6	12.8	12.3	-3.4	312.3	319.7	2.3	37.7	6.4	168.
15.1	43.2	4310.1	600.0	-2.0	-14.9	282.9	14.5	14.1	-3.2	313.8	320.1	2.0	36.5	6.9	161.
16.4	45.8	4647.4	575.0	-4.0	-16.8	283.9	15.3	14.8	-3.7	315.1	320.9	1.8	36.1	7.6	153.
17.7	44.5	4966.5	550.0	-7.0	-19.3	283.1	16.0	15.6	-3.6	315.7	320.6	1.5	36.8	8.4	147.
19.0	51.3	5357.3	525.0	-10.0	-20.9	281.8	17.1	16.7	-3.5	316.2	320.9	1.4	40.1	9.4	141.
20.5	54.1	5732.0	500.0	-11.6	-25.4	277.1	17.3	17.2	-2.1	318.9	322.1	1.0	30.8	10.6	134.
22.0	57.0	6122.8	475.0	-14.8	-23.2	282.5	17.1	16.7	-3.7	319.7	323.8	1.2	48.6	11.8	131.
23.6	60.0	6538.5	450.0	-17.1	-25.7	287.1	20.7	19.6	-6.1	321.7	325.2	1.0	47.1	13.4	128.
25.1	63.1	6956.9	425.0	-20.7	-28.5	290.1	23.8	22.4	-8.2	322.2	325.4	0.8	49.2	15.4	126.
26.7	66.3	7402.1	400.0	-24.3	-30.9	292.3	25.4	23.5	-9.6	323.4	325.8	0.7	54.5	17.8	124.
28.5	69.6	7869.7	375.0	-27.1	-35.5	296.6	27.5	24.6	-12.3	325.6	327.5	0.5	44.5	20.5	122.
30.3	73.0	8363.2	350.0	-31.1	-39.4	294.8	29.0	26.4	-12.2	326.8	328.1	0.4	43.7	23.6	122.
32.4	76.6	8863.7	325.0	-36.0	-42.5	294.3	28.5	26.0	-11.7	327.1	328.1	0.3	50.9	27.1	121.
34.6	80.3	9434.6	300.0	-40.1	99.9	301.3	31.8	27.1	-14.5	328.9	329.9	99.9	99.9	30.9	120.
36.7	84.1	10023.7	275.0	-44.2	99.9	303.7	35.0	32.5	-21.7	331.1	329.9	99.9	99.9	35.5	121.
38.8	88.2	10654.5	250.0	-50.1	99.9	300.2	42.2	36.5	-21.2	331.6	329.9	99.9	99.9	40.6	121.
41.1	92.5	11334.4	225.0	-56.0	99.9	294.8	41.7	37.9	-17.5	332.7	329.9	99.9	99.9	46.4	120.
43.7	97.0	12072.9	200.0	-62.1	99.9	289.6	43.6	41.1	-14.6	334.4	329.9	99.9	99.9	52.9	119.
46.5	102.2	12853.8	175.0	-63.9	99.9	300.6	49.4	42.7	-25.2	344.2	329.9	99.9	99.9	60.9	119.
49.4	107.5	13644.2	150.0	-64.6	99.9	305.9	39.5	35.0	-23.1	358.2	329.9	99.9	99.9	69.0	120.
53.2	113.8	14958.5	125.0	-62.6	99.9	303.4	28.1	23.5	-15.8	381.6	329.9	99.9	99.9	76.9	120.
57.9	120.5	16337.5	100.0	-62.9	99.9	99.9	99.9	99.9	99.9	406.3	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	56.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

26 APRIL 1979
513 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	11.2	598.0	943.7	13.5	9.6	20.0	6.7	-2.3	-0.3	291.4	306.6	5.7	55.0	113	97.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	12.8	764.4	925.0	12.6	4.9	25.3	13.2	-5.4	-11.9	292.2	308.0	5.9	59.2	99.9	99.9
04.5	15.0	993.9	900.0	11.3	4.4	20.0	15.2	-7.1	-13.4	293.1	308.9	5.8	62.7	99.9	99.9
05.4	17.3	1228.7	875.0	9.6	2.7	30.9	16.2	-8.3	-13.9	293.2	308.2	5.3	62.2	99.9	99.9
06.3	19.5	1469.6	850.0	10.2	-1.6	29.3	17.8	-8.7	-15.8	296.8	308.0	4.0	43.1	99.9	99.9
07.2	21.7	1716.0	825.0	9.9	-2.3	30.2	16.4	-8.3	-16.3	299.0	310.2	3.9	42.6	99.9	99.9
08.1	24.1	1973.6	800.0	9.9	-2.7	35.1	15.3	-8.8	-12.9	301.7	313.4	4.1	42.6	99.9	99.9
09.0	26.4	2237.3	775.0	9.2	-2.7	37.9	9.2	-5.6	-7.2	303.7	315.4	4.1	43.2	99.9	99.9
10.0	28.7	2506.7	750.0	8.4	-2.3	34.4	4.3	-2.4	-3.8	305.7	318.2	4.3	47.0	99.9	99.9
10.9	31.2	2780.4	725.0	7.3	-3.4	323.0	6.9	4.2	-5.5	307.4	319.4	4.1	46.7	99.9	99.9
11.8	33.6	3071.2	700.0	6.7	-3.8	266.4	13.7	13.7	-1.6	309.9	322.1	4.1	46.9	99.9	99.9
12.7	36.1	3375.5	675.0	5.7	-4.4	268.4	17.1	16.2	-5.4	312.1	324.3	4.1	48.1	99.9	99.9
13.6	38.6	3683.0	650.0	2.0	-6.5	293.0	18.2	16.7	-7.4	312.1	323.6	3.6	50.3	99.9	99.9
14.5	41.2	3995.1	625.0	0.2	-8.1	293.0	19.2	17.7	-7.5	312.6	323.0	3.3	53.9	99.9	99.9
15.4	43.6	4328.9	600.0	-2.6	-8.8	286.7	19.8	18.9	-5.7	313.1	322.7	3.3	53.9	99.9	99.9
16.3	46.5	4661.0	575.0	-5.6	-9.7	286.1	22.1	20.0	-5.4	313.4	323.8	3.4	50.3	99.9	99.9
17.2	49.2	5008.1	550.0	-8.7	-9.7	286.1	24.1	21.3	-6.1	313.8	323.9	3.3	50.3	99.9	99.9
18.1	52.0	5367.4	525.0	-11.4	-12.5	286.3	24.1	21.3	-6.7	314.7	323.3	2.8	51.2	99.9	99.9
19.0	54.9	5748.4	500.0	-13.7	-14.9	291.1	25.3	23.6	-9.1	316.2	323.9	2.4	50.9	99.9	99.9
20.0	57.9	6128.8	475.0	-16.3	-17.6	292.4	25.5	23.6	-9.7	317.6	324.2	2.0	50.9	99.9	99.9
20.9	60.9	6534.4	450.0	-16.4	-21.9	293.7	23.8	21.8	-9.6	319.8	324.6	1.5	50.9	99.9	99.9
21.8	64.0	6959.2	425.0	-20.8	-26.9	297.7	24.6	21.8	-11.5	322.4	325.7	1.0	51.1	99.9	99.9
22.7	67.1	7404.4	400.0	-24.0	-31.2	297.2	26.2	23.3	-12.0	323.8	326.2	0.7	51.1	99.9	99.9
23.6	70.5	7872.1	375.0	-27.2	-33.6	293.1	28.3	26.0	-11.1	325.6	327.7	0.6	54.1	99.9	99.9
24.5	74.0	8365.7	350.0	-31.5	-36.3	290.2	29.2	27.4	-10.1	326.3	328.0	0.5	54.1	99.9	99.9
25.4	77.6	8887.0	325.0	-35.0	-45.1	290.3	29.7	27.8	-10.3	328.5	329.3	0.2	54.1	99.9	99.9
26.3	81.3	9446.5	300.0	-39.4	-49.9	290.8	30.7	28.7	-10.9	329.6	329.9	0.2	54.1	99.9	99.9
27.2	85.2	10020.1	275.0	-44.9	-54.9	288.5	32.0	30.4	-10.2	330.3	329.9	0.2	54.1	99.9	99.9
28.1	89.3	10608.9	250.0	-49.5	-59.9	286.7	34.2	32.7	-9.8	332.4	329.9	0.2	54.1	99.9	99.9
29.0	93.7	11341.3	225.0	-55.3	-64.9	287.4	39.1	37.3	-11.7	333.7	329.9	0.2	54.1	99.9	99.9
30.0	98.4	12084.0	200.0	-60.2	-69.9	290.5	40.3	40.4	-10.2	337.4	329.9	0.2	54.1	99.9	99.9
30.9	103.5	12900.3	175.0	-63.1	-74.9	298.0	43.0	46.8	-24.9	345.8	329.9	0.2	54.1	99.9	99.9
31.8	109.0	13859.6	150.0	-63.8	-79.9	302.9	43.2	48.3	-23.5	360.2	329.9	0.2	54.1	99.9	99.9
32.7	115.3	14881.3	125.0	-61.2	-84.9	297.6	41.0	47.5	-16.4	368.1	329.9	0.2	54.1	99.9	99.9
33.6	122.3	16344.5	100.0	-61.0	-89.9	299.0	39.9	46.9	-14.4	400.3	329.9	0.2	54.1	99.9	99.9
34.5	129.9	17999.9	75.0	-59.9	-94.9	299.9	39.9	46.9	-14.4	400.3	329.9	0.2	54.1	99.9	99.9
35.4	137.9	19999.9	50.0	-59.9	-99.9	299.9	39.9	46.9	-14.4	400.3	329.9	0.2	54.1	99.9	99.9
36.3	146.9	22999.9	25.0	-59.9	-99.9	299.9	39.9	46.9	-14.4	400.3	329.9	0.2	54.1	99.9	99.9
37.2	156.9	26999.9	0.0	-59.9	-99.9	299.9	39.9	46.9	-14.4	400.3	329.9	0.2	54.1	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO-
CHILDRESS, TEXAS26 APRIL 1979
011 GHT

126 99. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEB PT CG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	NR RTD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.0	596.0	946.4	12.9	5.6	28.0	3.1	-1.1	-2.9	290.0	306.9	6.0	61.0	0.0	0.
0.9	90.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
6.7	13.5	778.4	925.0	11.0	5.1	30.0	12.1	-6.2	-10.4	291.3	307.4	6.0	63.4	0.4	202.
1.6	15.9	908.2	900.0	10.2	4.7	34.3	13.9	-7.8	-11.5	292.0	308.1	6.0	68.0	1.1	209.
2.5	18.3	1233.9	875.0	10.7	-0.3	37.3	14.5	-8.0	-13.1	297.7	306.0	3.0	31.4	2.6	214.
3.4	23.6	1475.7	850.0	11.1	-0.3	34.1	15.0	-8.9	-13.1	297.7	306.0	3.0	31.4	2.6	214.
4.4	23.0	1720.0	825.0	11.1	-2.7	31.3	14.0	-7.3	-12.0	300.3	311.1	3.0	30.0	3.6	213.
5.3	25.5	1981.2	800.0	10.0	-0.3	30.9	11.0	-6.0	-8.0	301.0	310.5	3.0	31.3	4.3	213.
6.4	28.0	2244.2	775.0	8.7	-0.8	27.1	6.6	-3.0	-5.9	303.2	313.1	3.4	37.9	6.8	213.
7.2	30.5	2519.7	750.0	6.8	-3.9	355.0	4.0	0.4	-4.0	303.5	315.0	3.0	46.2	5.1	213.
9.2	33.1	2792.3	725.0	5.2	-1.3	312.2	9.2	6.0	-6.1	305.1	319.0	4.0	63.1	5.2	209.
9.3	35.7	3078.2	700.0	4.6	-0.1	303.5	15.0	13.0	-8.6	307.6	323.3	5.5	71.6	5.4	200.
10.3	39.4	3375.0	675.0	2.4	-0.4	296.1	17.2	15.4	-7.5	308.4	324.3	5.5	81.2	5.7	190.
11.3	41.1	3675.0	650.0	-0.2	-1.2	280.8	17.8	17.5	-3.2	308.4	324.3	5.4	93.2	5.9	180.
12.5	43.9	3992.6	625.0	-1.0	-1.0	273.3	20.0	19.0	-1.1	310.4	326.0	5.4	100.3	6.1	168.
13.5	46.8	4316.9	600.0	-4.0	-5.0	277.9	22.0	22.7	-1.5	311.2	324.5	4.4	92.7	6.6	157.
14.6	49.6	4652.3	575.0	-5.7	-7.8	273.0	25.3	25.0	-3.4	313.4	324.5	3.7	84.6	7.6	146.
16.0	52.6	4956.9	550.0	-7.0	-10.0	261.6	27.0	27.3	-5.6	314.7	324.6	3.2	84.7	9.2	136.
17.2	55.4	5368.1	525.0	-10.4	-11.3	261.0	30.3	29.3	-7.0	315.7	325.1	3.1	94.5	11.0	130.
18.4	58.0	5734.1	500.0	-13.1	-13.7	266.0	29.9	28.7	-8.2	317.0	325.3	2.6	95.2	13.0	126.
19.6	62.0	6122.7	475.0	-16.3	-17.7	268.4	27.1	25.7	-8.6	317.8	324.2	2.0	88.0	15.0	123.
21.0	65.3	6528.1	450.0	-15.0	-23.0	269.3	24.0	23.4	-8.2	319.3	323.5	1.3	67.4	17.1	122.
22.3	69.6	6951.5	425.0	-22.0	-27.0	268.9	25.0	24.4	-8.4	320.6	323.9	0.9	60.5	19.1	120.
23.7	72.1	7394.5	400.0	-25.5	-29.0	290.0	25.9	24.4	-8.9	321.9	324.6	0.0	64.9	21.1	119.
25.2	75.7	7860.2	375.0	-32.3	-34.2	266.6	27.5	26.4	-7.0	323.2	325.7	0.4	58.1	23.5	118.
27.9	79.6	8350.8	350.0	-32.3	-38.0	261.1	27.3	26.0	-5.2	325.2	326.5	0.4	52.0	26.2	117.
29.0	83.5	8869.4	325.0	-34.6	-43.2	264.3	28.0	27.7	-7.1	326.3	327.2	0.3	49.0	29.0	115.
30.7	87.7	9418.6	300.0	-41.2	-50.9	292.0	32.0	30.2	-12.2	327.3	329.9	99.9	999.9	32.8	114.
31.6	91.0	10009.5	275.0	-45.7	-59.9	294.7	36.1	32.8	-15.1	329.0	329.9	99.9	999.9	36.7	114.
34.7	96.4	10631.0	250.0	-51.2	-69.9	291.7	40.0	37.0	-15.1	330.0	329.9	99.9	999.9	41.3	114.
37.0	101.2	11310.4	225.0	-55.3	-79.9	289.3	46.2	43.6	-15.3	333.6	329.9	99.9	999.9	47.4	114.
39.4	105.4	12032.4	200.0	-59.8	-89.9	289.0	54.0	50.0	-18.3	338.0	329.9	99.9	999.9	54.5	113.
42.0	112.0	12882.7	175.0	-61.7	-99.9	295.3	50.3	45.5	-21.0	348.0	329.9	99.9	999.9	63.1	113.
44.0	118.0	13834.7	150.0	-64.2	-99.9	302.5	37.0	31.9	-20.3	350.2	329.9	99.9	999.9	70.3	114.
48.3	125.0	14950.3	125.0	-62.1	-99.9	295.3	38.0	27.0	-13.2	382.5	329.9	99.9	999.9	77.7	114.
52.4	132.7	16328.7	100.0	-61.3	-99.9	999.9	99.9	99.9	99.9	409.4	329.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

26 APRIL 1979
1100 GMT

TIME ML	CNTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT H DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.1	550.0	944.0	11.5	-6.2	28.0	1.0	-0.3	-0.9	289.4	300.1	0.3	70.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	12.0	766.2	925.0	11.1	5.3	29.7	5.0	-2.9	-5.2	299.6	307.0	0.1	68.8	0.2	202.
1.5	14.9	994.4	900.0	9.5	2.8	34.3	10.6	-0.6	-8.3	293.3	305.3	9.2	63.0	0.6	208.
2.4	17.2	1227.9	875.0	9.0	-2.8	44.3	12.3	-0.6	-8.0	293.1	303.1	3.6	44.1	1.2	217.
3.3	19.4	1468.4	850.0	9.8	-5.2	39.0	12.8	-0.0	-9.9	296.4	305.0	3.0	34.2	1.9	219.
4.3	21.0	1710.3	825.0	10.0	-7.3	29.1	12.7	-0.2	-11.1	299.1	306.9	2.7	29.0	2.7	217.
5.5	23.9	1971.0	800.0	8.2	-10.4	28.2	11.0	-5.2	-9.7	299.9	306.3	2.2	25.4	3.5	215.
6.5	26.2	2232.7	775.0	7.1	-10.4	24.6	11.0	-4.6	-10.0	303.4	308.0	2.2	27.3	4.2	216.
7.4	28.6	2501.3	750.0	5.1	-7.1	15.7	8.5	-2.3	-8.1	302.1	310.9	3.0	41.0	4.8	216.
8.6	30.9	2777.0	725.0	3.2	-3.2	33.9	5.4	2.2	-5.0	305.0	314.4	4.0	60.1	5.1	210.
9.7	33.4	3061.5	700.0	2.1	-1.1	309.0	10.2	7.9	-6.4	306.8	319.2	5.0	79.2	5.3	206.
10.7	35.8	3355.0	675.0	1.1	-0.3	293.4	15.6	14.4	-6.2	308.9	322.8	5.0	90.4	5.4	197.
11.0	35.3	3580.5	650.0	-0.4	-2.1	288.6	18.8	17.8	-6.8	308.3	323.0	5.1	89.2	5.6	184.
13.0	40.9	3971.4	625.0	-2.3	-4.6	291.3	21.6	20.1	-7.8	309.9	323.7	4.4	84.2	6.1	171.
14.1	43.5	4294.0	600.0	-4.6	-5.7	289.4	24.6	23.4	-8.3	310.8	323.2	4.2	92.1	7.0	160.
15.4	46.2	4626.5	575.0	-6.2	-7.2	287.1	26.2	25.1	-7.7	312.7	324.3	3.9	92.0	8.3	150.
16.7	48.9	4976.1	550.0	-8.1	-9.7	288.3	27.2	25.8	-8.5	313.3	323.4	3.3	93.7	9.9	142.
18.0	51.7	5335.1	525.0	-11.7	-11.0	286.1	27.3	26.2	-7.5	314.4	323.5	3.9	99.4	11.9	136.
19.5	54.6	5787.7	500.0	-14.2	-14.2	280.0	26.5	26.1	-4.6	315.7	323.7	2.5	99.0	14.1	130.
20.9	57.4	6095.4	475.0	-16.7	-16.8	273.0	22.4	22.4	-1.2	317.3	324.1	2.2	99.5	15.7	126.
24.2	60.5	6455.5	450.0	-15.9	-20.0	276.0	25.9	25.7	-2.7	318.2	323.8	1.7	99.0	17.3	123.
23.8	63.6	6721.0	425.0	-22.9	-23.2	279.0	28.5	28.1	-4.8	319.6	324.1	1.4	97.8	19.7	120.
25.6	66.0	7163.2	400.0	-26.0	-26.3	282.3	28.4	27.8	-6.1	321.3	324.9	1.1	96.0	22.7	117.
27.3	70.0	7522.0	375.0	-29.0	-31.1	286.9	28.9	27.7	-8.4	323.2	325.0	0.0	81.7	25.5	116.
29.2	73.5	8118.1	350.0	-32.0	-37.7	291.8	33.7	31.3	-12.5	324.6	326.1	0.4	61.2	29.9	115.
31.3	77.1	8835.8	325.0	-36.7	-46.4	294.7	31.0	28.9	-13.3	326.8	328.7	0.2	35.7	33.1	115.
33.3	80.8	9384.9	300.0	-40.9	-59.9	295.5	37.1	33.5	-16.0	327.7	329.9	99.9	99.9	37.1	115.
35.2	84.7	9970.0	275.0	-46.1	-59.9	294.7	41.5	37.7	-17.3	328.2	329.9	99.9	99.9	47.1	115.
37.4	88.0	10556.4	250.0	-51.3	-59.9	288.1	42.9	40.6	-13.8	329.8	329.9	99.9	99.9	53.1	115.
39.7	93.2	11273.1	225.0	-54.5	-59.9	283.1	43.4	42.3	-9.8	332.0	329.9	99.9	99.9	59.5	112.
42.5	97.0	12012.2	200.0	-69.5	-69.9	283.2	40.0	47.1	-12.8	337.0	329.9	99.9	99.9	70.5	112.
45.6	102.0	12842.5	175.0	-68.5	-69.9	295.1	46.0	42.4	-19.9	350.0	329.9	99.9	99.9	77.7	113.
49.1	108.3	13600.2	150.0	-62.3	-69.9	297.4	33.0	29.9	-15.5	357.7	329.9	99.9	99.9	86.5	112.
52.9	114.5	14022.9	125.0	-62.0	-69.9	292.1	34.5	32.0	-13.0	362.7	329.9	99.9	99.9	99.9	99.9
55.9	99.9	55.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.9	99.9	57.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
28 APRIL 1979
1116 607

TIME M N	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	MX RTO CM/RS	RH PCT	RANGE KM	AZ DEG
3.0	0.0	75.0	1000.2	16.1	13.0	300.0	0.0	0.0	0.0	209.3	213.1	10.1	97.0	0.0	0.0
3.0	0.0	88.7	1000.0	16.2	14.0	255.2	0.5	0.0	-0.5	209.3	213.3	10.1	94.9	0.0	350.
3.0	0.0	200.1	575.0	16.7	14.0	226.5	12.3	9.1	0.4	204.0	315.0	10.6	75.0	0.0	350.
1.7	10.9	522.0	650.0	15.4	13.1	203.3	11.0	4.3	10.1	207.2	324.0	10.1	65.5	1.2	15.
2.5	13.1	731.6	625.0	16.2	11.7	194.1	5.3	2.3	9.2	208.6	323.2	9.4	65.7	1.7	16.
3.4	13.3	686.1	900.0	16.1	11.0	198.0	0.1	2.3	7.7	208.1	323.0	9.2	71.7	2.1	15.
4.3	17.3	1225.3	875.0	14.4	0.7	201.3	0.2	2.2	5.7	208.0	320.0	8.1	60.3	2.6	16.
5.3	19.7	1476.6	850.0	14.5	-0.9	223.7	3.3	2.4	2.3	303.2	310.3	2.3	9.7	2.9	19.
6.3	22.0	1725.0	825.0	18.1	-14.3	223.7	2.9	2.6	1.3	307.7	312.5	1.5	9.7	2.9	19.
7.3	24.3	1907.7	800.0	16.9	-5.2	274.6	1.4	1.4	-0.1	309.1	311.5	3.2	21.6	3.0	21.
8.3	26.5	2256.7	775.0	14.2	-2.1	312.7	1.2	0.6	-1.1	309.1	311.5	4.2	32.3	3.0	22.
9.7	28.9	2532.2	750.0	12.0	-1.9	1.9	2.9	-0.1	-2.0	309.6	322.7	4.5	37.9	2.8	22.
10.4	31.3	2815.0	725.0	5.8	-5.4	341.0	4.0	1.5	-4.3	310.2	320.7	3.5	33.6	2.7	25.
11.5	33.7	3105.1	700.0	7.6	-5.9	349.0	6.3	1.1	-6.2	310.5	321.5	3.5	37.6	2.4	31.
12.7	35.2	3403.7	675.0	5.3	-9.3	348.5	8.8	1.7	-8.6	311.4	320.1	2.0	34.0	2.0	40.
1.0	35.7	3710.7	650.0	2.6	-5.0	345.9	11.7	2.8	-11.3	311.6	324.0	4.1	37.5	1.7	50.
1.0	41.3	4220.4	625.0	-0.5	-7.3	346.0	13.1	3.2	-12.7	311.6	322.7	3.6	60.3	1.7	99.
1.1	43.9	4351.7	600.0	-2.1	-10.9	342.1	13.0	4.0	-12.4	313.6	318.2	1.4	20.4	2.1	115.
1.4	46.6	4502.1	575.0	-4.9	-18.3	335.0	11.2	4.7	-10.2	314.3	318.1	1.2	26.3	2.9	120.
1.4	46.3	5038.0	550.0	-7.5	-18.1	329.0	10.7	5.5	-9.2	315.2	320.5	1.7	42.6	3.7	123.
2.0	52.1	5366.5	525.0	-9.7	-25.2	323.0	9.1	5.4	-7.3	316.8	319.9	0.9	26.8	4.6	135.
2.1	52.0	5771.1	500.0	-12.4	-27.8	317.8	10.2	4.6	-7.0	317.9	320.5	0.7	26.2	5.0	137.
2.3	57.0	6161.2	475.0	-14.5	-35.1	309.0	13.0	10.1	-8.2	320.6	321.4	0.4	15.4	6.4	136.
2.0	61.0	6561.9	450.0	-17.7	-37.6	303.7	13.0	11.6	-7.7	321.0	322.2	0.3	15.6	7.8	135.
2.0	64.1	6993.4	425.0	-21.6	-40.6	297.7	14.5	11.6	-6.7	321.2	322.2	0.3	16.0	9.1	133.
2.3	67.3	7435.9	400.0	-25.3	-39.4	297.7	14.5	12.8	-6.7	322.1	323.2	0.3	23.4	10.5	131.
3.2	76.6	7902.8	375.0	-26.1	-39.6	301.7	16.7	14.2	-8.0	324.4	325.6	0.3	32.2	12.2	129.
3.2	74.0	8353.6	350.0	-32.6	-43.3	305.7	16.9	12.9	-9.3	324.6	325.6	0.2	33.1	14.2	129.
3.4	77.7	8911.0	325.0	-37.2	-47.7	308.3	16.1	12.7	-10.0	325.4	325.9	0.2	32.2	16.1	128.
3.4	81.0	9439.5	300.0	-41.4	-59.9	320.7	21.3	13.8	-16.9	327.0	329.9	0.2	99.9	18.4	129.
3.6	85.3	10043.4	275.0	-46.0	99.9	324.7	26.0	15.0	-21.2	327.7	329.9	0.2	99.9	21.7	131.
4.0	89.3	10667.4	250.0	-52.5	99.9	320.6	26.3	18.0	-21.9	318.1	329.9	0.2	99.9	25.2	133.
4.3	93.3	11330.2	225.0	-58.4	99.9	317.4	26.2	17.7	-19.3	329.6	329.9	0.2	99.9	29.4	134.
4.8	94.5	12071.1	200.0	-62.5	99.9	313.0	25.6	18.7	-17.5	323.6	329.9	0.2	99.9	33.2	134.
5.0	102.6	12491.3	175.0	-62.3	99.9	310.7	25.8	19.6	-16.3	347.1	329.9	0.2	99.9	38.2	134.
5.4	109.0	13062.4	150.0	-63.7	99.9	311.6	28.7	19.2	-17.1	350.3	329.9	0.2	99.9	43.6	133.
5.8	115.3	14062.4	125.0	-61.3	99.9	300.6	28.6	17.7	-10.5	304.1	329.9	0.2	99.9	48.4	133.
6.6	122.3	16344.7	100.0	-60.4	99.9	99.9	99.9	99.9	-99.9	411.1	329.9	0.2	99.9	99.9	999.
9.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.2	99.9	99.9	999.
9.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.2	99.9	99.9	999.
9.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.2	99.9	99.9	999.
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.2	99.9	99.9	999.

* BY SP-ED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS

25 APRIL 1979
1406 GAT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

125 116. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	UEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.2	79.0	1001.2	19.7	17.1	230.0	3.0	2.3	1.9	292.8	324.7	12.4	85.0	0.0	0.
0.0	6.3	89.4	1000.0	19.6	17.3	230.0	3.0	2.3	1.9	292.8	325.4	12.6	85.7	999.9	999.
0.6	8.6	306.5	975.0	19.1	17.4	230.0	3.0	2.3	1.9	292.8	326.1	13.0	90.0	999.9	999.
1.5	11.0	533.3	950.0	21.0	16.0	230.0	3.0	2.3	1.9	292.8	327.9	10.7	61.1	999.9	999.
2.5	13.4	764.2	925.0	19.4	12.3	211.2	9.6	5.0	0.2	299.2	328.5	9.0	63.4	1.5	10.
3.4	15.8	999.6	900.0	17.8	12.1	210.6	7.5	4.5	0.0	299.5	329.0	9.9	68.9	2.0	10.
4.4	18.2	1240.5	875.0	16.4	8.9	229.8	6.1	4.7	4.0	300.4	329.3	8.2	60.9	2.3	22.
5.4	20.7	1468.2	850.0	15.8	8.9	251.4	4.6	4.3	1.6	306.9	314.9	2.0	18.0	2.6	26.
6.5	23.3	1745.1	825.0	20.4	-9.5	251.4	2.4	2.3	0.8	310.1	317.5	2.4	13.4	2.8	30.
7.6	25.9	2009.4	800.0	17.4	-0.9	268.0	1.9	1.9	0.1	309.7	322.8	4.5	28.0	2.8	31.
8.5	28.4	2276.2	775.0	15.2	-3.6	315.2	3.7	2.6	-2.7	310.1	321.4	3.8	27.3	2.9	34.
9.5	31.1	2555.5	750.0	12.9	-5.6	341.2	4.9	1.6	-4.6	310.6	320.7	3.4	27.1	2.9	40.
10.5	33.9	2839.5	725.0	11.1	-5.4	346.2	6.0	1.4	-5.8	311.4	322.2	3.5	30.9	2.5	45.
11.6	36.4	3131.2	700.0	8.7	-3.6	336.6	6.8	2.7	-6.3	312.2	324.7	4.2	41.6	2.4	54.
12.7	39.2	3439.8	675.0	6.2	-3.3	332.3	8.3	3.9	-7.4	312.6	325.8	4.5	50.6	2.4	66.
13.8	42.0	3738.9	650.0	3.6	-5.6	337.2	10.8	3.8	-9.3	313.1	324.7	3.9	50.7	2.5	81.
15.1	44.9	4056.1	625.0	0.8	-7.3	339.2	10.8	3.8	-10.1	313.4	324.1	3.5	54.4	2.7	97.
16.2	47.9	4382.7	600.0	-2.2	-7.9	338.0	10.9	4.1	-10.1	313.4	324.2	3.5	64.9	3.2	110.
17.4	50.9	4719.1	575.0	-5.3	-11.7	330.6	11.1	5.5	-9.7	315.2	322.1	2.7	60.5	3.8	118.
18.6	53.9	5066.9	550.0	-7.5	-19.1	318.4	12.9	8.6	-9.7	315.2	320.1	1.5	36.9	4.6	123.
19.9	57.0	5427.9	525.0	-8.8	-29.1	315.5	14.5	10.2	-10.4	317.6	320.0	0.6	17.3	5.6	125.
21.3	60.3	5804.0	500.0	-11.7	-31.4	315.0	15.2	10.6	-10.8	318.8	320.6	0.5	17.6	6.8	127.
22.7	63.6	6195.0	475.0	-14.6	-33.7	309.1	14.5	11.2	-9.1	319.5	321.6	0.5	17.8	8.1	128.
24.2	67.0	6602.1	450.0	-17.8	-30.8	303.0	15.2	12.8	-8.3	320.9	323.1	0.7	31.6	9.4	128.
25.8	70.4	7027.9	425.0	-19.8	-42.9	306.8	17.0	14.2	-10.7	323.9	324.3	0.2	11.0	11.0	127.
27.5	74.0	7474.3	400.0	-23.4	-48.1	309.6	20.7	16.0	-13.2	324.5	325.0	0.1	8.2	12.9	128.
29.3	77.7	7943.0	375.0	-26.9	-48.2	306.8	21.3	17.1	-12.8	326.0	326.9	0.2	21.8	15.2	128.
31.1	81.5	8436.3	350.0	-31.2	-48.7	308.7	18.9	14.8	-11.0	326.7	327.5	0.2	24.8	17.4	128.
32.9	85.6	8956.4	325.0	-36.1	-48.2	312.1	15.0	11.1	-10.0	327.0	327.5	0.1	27.1	19.3	128.
34.6	87.8	9506.0	300.0	-41.4	99.9	312.1	22.8	16.9	-15.3	327.1	999.9	99.9	999.9	21.1	128.
36.5	94.2	10091.0	275.0	-46.4	99.9	313.7	22.1	16.4	-15.2	328.1	999.9	99.9	999.9	23.6	129.
38.5	99.8	10716.2	250.0	-52.1	99.9	317.4	23.0	15.5	-16.9	328.7	999.9	99.9	999.9	26.5	129.
40.9	103.6	11389.6	225.0	-57.6	99.9	317.2	23.6	16.0	-17.3	330.4	999.9	99.9	999.9	29.7	130.
43.8	109.8	12124.8	200.0	-61.3	99.9	307.7	26.2	20.8	-16.0	335.6	999.9	99.9	999.9	33.9	131.
47.0	114.5	12950.3	175.0	-64.3	99.9	310.6	31.7	24.0	-20.6	343.8	999.9	99.9	999.9	39.4	130.
50.6	120.8	13899.0	150.0	-59.8	99.9	314.8	29.4	20.8	-20.7	367.2	999.9	99.9	999.9	46.6	130.
54.3	127.3	15029.3	125.0	-63.0	99.9	999.9	99.9	99.9	99.9	380.5	999.9	99.9	999.9	999.9	999.
58.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
63.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
69.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
76.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS

25 APRIL 1979

131 95. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP OC	DEW PT OC	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T OG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	79.0	1001.7	25.0	16.4	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
0.1	5.5	94.0	1000.0	25.1	16.3	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
1.1	6.7	310.4	975.0	22.7	15.3	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
1.9	11.0	542.8	950.0	20.8	14.3	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
2.9	13.4	772.9	925.0	18.3	13.7	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
3.8	15.9	1007.4	900.0	16.8	13.2	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
4.7	18.2	1247.6	875.0	15.8	11.0	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
5.7	20.6	1494.6	850.0	16.3	8.6	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
6.5	23.1	1749.0	825.0	16.7	-13.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
7.6	25.7	2012.3	800.0	17.0	-5.3	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
8.6	28.2	2282.5	775.0	15.8	-3.0	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
9.7	30.9	2559.4	750.0	13.3	-4.2	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
10.7	33.5	2843.8	725.0	11.5	-5.7	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
11.9	36.2	3135.9	700.0	9.0	-6.3	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
13.0	39.0	3435.6	675.0	6.5	-1.7	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
14.1	41.8	3744.2	650.0	3.8	-6.4	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
15.3	44.6	4061.6	625.0	1.2	-8.0	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
16.4	47.6	4386.3	600.0	-2.0	-9.2	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
17.9	50.5	4725.0	575.0	-4.9	-13.7	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
19.1	53.5	5072.7	550.0	-7.9	-17.1	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
20.4	56.6	5432.6	525.0	-10.6	-25.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
21.8	59.9	5804.6	500.0	-11.9	-32.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
23.2	63.1	6197.8	475.0	-13.4	-30.0	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
24.7	66.4	6606.5	450.0	-16.9	-30.6	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
26.1	69.9	7032.8	425.0	-20.1	-31.6	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
27.7	73.4	7479.4	400.0	-23.7	-31.4	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
29.3	77.1	7947.3	375.0	-27.4	-33.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
31.0	81.0	8439.8	350.0	-31.3	-37.6	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
32.8	85.0	8960.0	325.0	-36.1	-42.4	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
34.9	89.2	9510.8	300.0	-41.0	-49.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
36.9	93.4	10095.1	275.0	-46.1	-59.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
39.1	99.0	10721.1	250.0	-51.4	-69.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
41.4	103.0	11396.3	225.0	-56.9	-79.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
43.9	108.0	12135.9	200.0	-60.8	-89.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
46.9	113.8	12963.1	175.0	-63.7	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
50.3	119.8	13912.2	150.0	-61.2	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
54.2	126.7	15040.2	125.0	-62.6	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
58.1	134.3	16420.6	100.0	-59.2	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
62.9	143.9	17999.9	75.0	-59.9	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
68.9	155.9	19999.9	50.0	-59.9	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.
75.9	169.9	22999.9	25.0	-59.9	-99.9	230.0	3.8	2.3	1.9	298.0	329.4	11.8	59.0	0.0	0.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
25 APRIL 1979

119 90. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCP	RANGE KM	AZ DEG
0.0	6.8	79.0	998.6	28.1	18.8	368.0	0.8	0.0	0.0	301.4	338.3	13.8	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	8.6	291.2	975.0	26.0	16.9	699.9	08.9	99.9	99.9	301.3	335.0	12.5	57.3	99.9	99.9
1.6	10.7	519.6	950.0	24.3	16.2	999.9	99.9	99.9	99.9	301.8	335.1	13.4	60.7	99.9	99.9
2.8	12.9	732.4	925.0	21.7	15.0	178.6	7.2	-1.2	7.1	301.8	332.9	11.7	65.7	1.5	348.
3.8	15.1	989.8	900.0	19.4	14.0	178.9	7.1	-0.1	7.1	302.0	332.4	11.3	69.0	2.0	348.
4.9	17.4	1232.8	875.0	19.4	1.7	238.6	8.1	3.9	4.0	303.9	327.6	8.6	53.5	2.4	352.
6.0	19.6	1423.2	825.0	20.2	-3.4	239.8	9.1	7.0	4.0	308.2	320.7	5.1	27.9	2.5	1.
7.0	21.9	1740.8	800.0	18.2	0.4	250.2	10.0	9.4	3.4	310.6	325.1	3.6	28.2	2.9	9.
7.9	24.2	2093.1	775.0	16.4	1.0	260.0	11.2	10.4	1.8	311.8	326.4	4.9	30.8	3.2	17.
9.0	26.5	2276.3	750.0	13.8	0.0	262.4	12.0	11.1	0.8	311.7	326.2	5.1	35.2	3.6	27.
10.2	28.9	2533.8	725.0	11.2	-0.9	267.7	12.8	11.7	-0.9	312.4	325.8	5.6	55.1	4.1	35.
11.4	31.4	2838.5	700.0	8.9	-4.3	273.1	10.6	10.6	-0.9	313.1	325.6	4.1	46.4	6.4	60.
12.5	33.8	3130.5	675.0	7.0	-6.2	282.8	10.9	10.6	-2.4	313.7	325.0	3.6	52.5	7.0	71.
13.6	36.3	3430.9	650.0	4.2	-7.1	291.0	13.4	12.5	-4.8	314.2	325.2	3.4	60.4	9.6	85.
14.9	38.6	4037.7	625.0	-1.9	-8.5	295.0	15.7	13.8	-7.6	314.5	323.2	2.8	68.8	11.0	92.
15.0	41.4	4324.8	600.0	-4.7	-11.1	308.9	20.7	16.1	-10.7	314.5	321.2	1.8	76.5	13.4	97.
16.1	44.1	4721.7	575.0	-8.1	-18.8	314.4	18.4	13.8	-12.2	315.7	322.1	1.4	49.8	15.1	101.
17.3	46.7	5065.5	550.0	-10.6	-21.0	314.8	16.3	11.6	-11.5	317.9	323.6	1.4	56.0	17.2	106.
18.8	49.3	5429.6	525.0	-12.8	-22.0	310.2	17.2	13.2	-11.1	319.1	325.0	1.3	61.9	19.1	107.
21.3	52.3	5803.8	500.0	-15.2	-23.4	299.7	21.9	19.0	-10.8	320.7	324.6	0.8	49.1	21.3	110.
22.9	55.2	6193.3	475.0	-17.9	-28.9	305.0	23.1	18.9	-13.2	321.6	324.5	0.4	39.8	23.7	112.
24.4	59.1	6599.8	450.0	-21.2	-32.6	302.6	22.8	19.2	-16.7	324.1	325.5	0.2	27.0	26.2	116.
25.9	64.4	7024.6	425.0	-25.1	-37.7	315.7	23.4	16.3	-18.6	324.6	325.3	0.1	21.9	29.2	118.
27.5	67.4	7468.7	400.0	-28.3	-45.3	317.3	22.5	15.3	-19.6	325.8	325.9	99.9	99.9	33.5	121.
29.9	70.8	7934.5	375.0	-32.8	-50.9	323.3	24.5	14.6	-20.6	326.4	325.9	99.9	99.9	38.1	122.
30.7	73.3	8424.9	350.0	-37.1	-50.9	323.3	28.2	19.2	-20.6	326.4	325.9	99.9	99.9	43.5	124.
32.6	77.9	8931.7	325.0	-41.8	-50.9	323.3	34.7	24.5	-20.6	326.4	325.9	99.9	99.9	49.6	126.
34.7	81.6	9498.0	300.0	-46.8	-50.9	323.3	37.4	24.5	-20.6	326.4	325.9	99.9	99.9	54.8	128.
36.8	85.5	10074.5	275.0	-50.4	-50.9	323.3	44.7	24.5	-20.6	326.4	325.9	99.9	99.9	60.0	128.
38.1	89.7	10702.7	250.0	-53.6	-50.9	323.3	44.7	24.5	-20.6	326.4	325.9	99.9	99.9	65.4	128.
41.3	94.0	11385.2	225.0	-58.2	-50.9	323.3	28.7	22.5	-15.4	361.6	325.9	99.9	99.9	99.9	99.9
44.1	98.0	12137.2	200.0	-61.9	-50.9	323.3	27.3	22.5	-10.5	381.8	325.9	99.9	99.9	99.9	99.9
46.6	103.8	12970.4	175.0	-63.0	-50.9	305.5	18.1	14.8	-9.9	409.8	325.9	99.9	99.9	99.9	99.9
49.1	109.4	13920.1	150.0	-62.7	-50.9	305.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.5	115.5	15047.3	125.0	-61.1	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.3	122.7	16223.0	100.0	-61.1	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
61.1	129.9	17500.0	75.0	-59.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
67.9	139.9	199.9	50.0	-59.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
 COLLEGE STATION, TEXAS

 25 APRIL 1979
 2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMPONENT M/SEC	V COMPONENT M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	6.7	79.0	996.3	28.2	18.8	340.0	0.0	0.0	0.0	301.7	338.7	13.9	56.7	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	8.5	271.6	975.0	27.7	17.6	999.9	99.9	99.9	99.9	303.0	338.4	13.1	54.2	0.5	308
1.5	10.7	501.3	950.0	24.4	15.9	999.9	99.9	99.9	99.9	302.8	334.6	12.1	59.2	999.9	999.9
2.3	12.8	734.0	925.0	21.6	14.6	999.9	99.9	99.9	99.9	301.4	332.1	11.4	64.2	999.9	999.9
3.1	15.1	971.5	900.0	19.9	15.1	999.9	99.9	99.9	99.9	302.0	334.6	12.1	73.7	1.7	357
4.0	17.3	1214.2	875.0	17.6	14.6	288.8	7.7	3.6	6.8	302.1	334.7	12.1	82.8	2.1	0
4.9	19.5	1462.9	850.0	19.1	8.7	236.0	8.3	6.8	4.0	306.1	329.8	0.2	51.0	2.4	7
5.9	21.9	1719.1	825.0	17.9	8.0	256.7	9.8	9.5	2.3	307.8	330.7	0.2	52.4	2.4	16
7.1	24.2	1982.7	800.0	18.2	4.8	255.7	11.1	10.7	2.7	310.8	329.7	0.6	40.2	3.1	20
8.1	26.5	2254.3	775.0	16.9	0.2	260.7	12.0	11.8	1.9	312.0	331.5	0.7	42.8	3.6	37
9.4	29.0	2532.9	750.0	14.8	0.4	260.8	13.1	13.1	2.1	312.7	328.2	5.3	37.2	4.4	46
10.4	31.4	2818.6	725.0	12.1	-0.1	264.5	13.7	13.7	1.3	312.7	328.2	5.3	43.8	5.1	51
11.6	33.8	3111.7	700.0	10.3	-6.3	275.3	14.3	14.3	-1.3	313.6	324.2	3.4	30.5	5.9	58
12.7	36.3	3413.0	675.0	7.8	-9.9	283.3	15.5	15.1	-3.6	314.4	322.6	2.7	27.2	6.7	63
13.8	38.8	3722.3	650.0	5.0	-9.7	285.0	16.0	15.5	-4.1	314.6	323.3	2.8	33.6	7.5	69
15.0	41.4	4048.6	625.0	1.8	-6.9	284.9	16.5	15.9	-4.2	314.5	325.5	3.6	52.2	8.4	73
16.1	44.0	4368.0	600.0	-1.3	-8.2	281.1	17.0	15.9	-6.1	314.7	325.1	3.5	59.4	9.4	77
17.3	46.7	4705.8	575.0	-4.5	-9.4	286.7	18.7	16.7	-8.4	314.8	324.7	3.3	68.3	10.4	81
18.5	49.4	5054.2	550.0	-7.4	-12.6	300.9	20.6	17.7	-10.6	315.3	323.5	2.7	66.5	11.6	84
19.5	52.2	5414.9	525.0	-5.3	-20.6	310.9	18.8	14.2	-15.4	317.2	321.8	1.4	39.2	12.0	90
21.2	55.1	5791.1	500.0	-10.8	-23.2	317.7	19.1	12.8	-14.1	319.8	323.8	1.2	35.2	13.9	95
22.8	58.1	6193.3	475.0	-13.9	-26.4	318.5	19.6	13.8	-16.7	320.7	323.8	0.9	33.9	15.3	99
24.6	61.1	6591.2	450.0	-17.5	-31.7	324.3	18.2	10.6	-14.8	321.3	323.3	0.6	27.6	16.9	104
26.4	64.3	7017.2	425.0	-20.4	-38.6	320.1	19.6	12.6	-15.1	322.5	324.0	0.3	17.6	18.5	108
28.2	67.4	7463.5	400.0	-23.4	-48.1	316.2	24.4	16.9	-17.6	324.7	325.1	0.1	8.2	20.5	111
29.8	70.8	7933.1	375.0	-26.4	-52.8	318.8	25.6	17.1	-19.0	326.6	326.9	0.1	6.3	22.5	114
31.5	74.3	8427.2	350.0	-31.0	-55.6	328.0	25.4	13.5	-21.6	326.5	327.1	0.1	6.9	25.2	117
33.5	77.9	8947.7	325.0	-35.6	-55.8	328.9	26.6	13.8	-22.8	327.6	327.8	0.1	10.4	27.7	120
35.6	81.6	9499.1	300.0	-40.5	99.9	324.0	30.4	17.9	-24.6	328.3	328.3	99.9	999.9	31.2	123
37.0	84.5	10025.7	275.0	-45.0	99.9	321.4	32.4	20.2	-25.3	330.1	329.9	99.9	999.9	35.2	126
40.5	89.7	10715.7	250.0	-50.2	99.9	317.6	40.2	27.1	-29.7	331.4	329.9	99.9	999.9	40.6	127
42.2	94.2	11396.7	225.0	-54.6	99.9	324.0	31.5	18.5	-25.8	334.5	329.9	99.9	999.9	46.8	129
45.8	98.8	12143.0	200.0	-55.0	99.9	318.3	46.0	30.6	-34.3	338.6	329.9	99.9	999.9	51.4	130
48.6	104.0	12976.5	175.0	-67.0	99.9	320.4	62.1	39.6	-47.8	350.9	329.9	99.9	999.9	62.1	131
51.6	109.4	13926.4	150.0	-65.0	99.9	311.6	39.1	29.3	-26.0	356.6	329.9	99.9	999.9	70.7	132
55.4	115.5	15067.0	125.0	-44.6	99.9	312.6	21.5	15.8	-14.6	378.8	329.9	99.9	999.9	77.3	132
60.4	122.7	16407.0	100.0	-60.6	99.9	999.9	99.9	99.9	99.9	410.7	329.9	99.9	999.9	999.9	999.9
90.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	91.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLLEGE STATION, TEXAS26 APRIL 1979
200 647

117 106. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.0	79.0	596.2	23.9	19.0	160.0	2.0	-0.7	1.9	297.4	336.2	14.0	76.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.7	9.0	202.4	975.0	25.3	18.3	177.7	11.0	-0.4	11.0	300.6	337.2	13.7	65.4	0.7	232.
1.6	11.0	496.7	950.0	22.2	17.1	167.2	11.5	1.4	11.2	300.7	335.5	13.0	68.8	1.3	246.
2.4	13.3	729.0	925.0	22.0	17.7	203.5	9.3	3.7	8.5	301.8	339.1	14.0	76.7	1.8	264.
3.4	15.5	967.9	900.0	20.0	15.5	228.1	9.0	6.7	6.0	302.2	335.6	12.4	75.0	2.2	3.
4.3	17.9	1211.4	875.0	20.1	13.8	260.6	7.9	7.8	1.3	304.7	336.0	11.5	67.3	2.6	12.
5.3	20.2	1462.5	850.0	20.4	13.5	286.6	9.0	8.7	-2.3	307.7	339.6	11.5	63.7	2.5	22.
6.2	22.5	1720.7	825.0	20.5	8.5	298.9	12.0	11.0	-6.1	310.2	336.6	8.6	47.1	2.6	36.
7.2	24.0	1986.2	800.0	19.2	6.4	293.0	13.1	11.6	-8.2	311.6	333.4	7.6	43.1	2.8	52.
8.3	27.2	2256.1	775.0	16.9	5.4	293.0	13.0	12.9	-5.5	312.0	333.1	7.3	40.7	3.3	66.
9.4	29.6	2536.8	750.0	15.2	-1.5	292.5	14.0	13.0	-8.4	313.1	326.8	4.6	31.7	3.9	76.
10.5	32.1	2822.6	725.0	13.4	-6.6	285.7	14.9	14.3	-4.0	314.2	324.0	3.2	24.2	4.8	83.
11.7	34.6	3116.3	700.0	10.5	-6.0	282.7	15.0	14.6	-3.3	314.1	324.0	3.5	30.7	5.8	86.
12.9	37.2	3417.6	675.0	7.7	-6.6	280.5	15.0	14.8	-2.7	314.3	324.0	3.5	35.5	6.8	89.
13.9	39.7	3727.1	650.0	4.8	-9.6	282.3	15.6	15.2	-3.3	314.2	323.2	2.0	34.3	7.7	90.
15.0	42.3	4085.0	625.0	1.8	-13.2	289.1	14.8	13.8	-4.8	314.2	321.5	2.2	32.0	8.7	92.
16.1	45.1	4372.7	600.0	-0.4	-16.7	298.7	13.3	11.6	-6.4	315.6	321.1	1.7	27.9	9.6	94.
17.3	47.0	4711.3	575.0	-3.1	-16.0	308.6	13.6	10.7	-8.5	316.2	322.4	1.9	36.3	10.4	96.
18.6	50.6	5062.1	550.0	-5.1	-18.0	316.3	15.0	10.8	-11.3	318.1	323.5	1.7	35.3	11.3	100.
19.9	53.5	5428.0	525.0	-7.6	-21.3	313.2	18.0	13.1	-12.4	319.3	323.6	1.3	32.4	12.5	103.
21.3	56.4	5803.4	500.0	-10.9	-23.8	311.7	17.8	13.3	-11.9	319.8	323.5	1.1	33.3	13.8	107.
22.0	59.5	6155.6	475.0	-13.6	-31.9	309.0	16.5	12.8	-10.4	321.2	323.1	0.6	19.6	15.2	109.
22.2	62.6	6602.6	450.0	-15.3	-37.2	308.7	16.1	12.6	-10.1	324.0	325.2	0.3	13.3	16.5	110.
25.8	65.8	7039.3	425.0	-19.1	-38.8	308.8	16.5	12.9	-10.4	324.2	325.6	0.3	15.5	17.9	112.
27.3	69.0	7481.6	400.0	-23.3	-41.7	308.0	19.1	13.0	-11.7	324.7	325.6	0.2	16.5	19.5	113.
29.0	72.4	7950.8	375.0	-26.9	-43.4	312.6	21.1	15.6	-14.3	325.9	326.7	0.2	19.1	21.5	115.
31.6	75.9	8446.4	350.0	-31.1	-46.7	319.7	21.3	13.0	-16.3	326.9	327.5	0.2	19.5	23.5	117.
32.6	79.6	8955.0	325.0	-35.9	-49.8	327.4	23.7	12.8	-20.0	327.2	327.7	0.1	21.9	25.7	119.
34.6	83.3	9510.3	300.0	-39.9	-52.9	327.2	28.8	15.6	-24.2	329.1	329.9	99.9	99.9	28.5	122.
36.0	87.3	10104.8	275.0	-44.7	-59.9	320.4	35.0	22.3	-27.0	330.2	329.9	99.9	99.9	32.1	125.
38.7	91.6	10735.4	250.0	-50.1	-59.9	320.2	33.3	21.3	-25.6	331.2	329.9	99.9	99.9	36.5	127.
41.0	96.0	11413.4	225.0	-56.3	-59.9	313.7	38.1	27.6	-26.3	332.2	329.9	99.9	99.9	40.9	128.
43.4	100.8	12151.3	200.0	-61.2	-59.9	311.0	50.3	37.9	-33.0	335.6	329.9	99.9	99.9	47.7	128.
45.7	106.3	12971.7	175.0	-64.8	-59.9	326.5	36.8	19.2	-31.4	343.0	329.9	99.9	99.9	53.6	129.
48.6	111.6	13913.4	150.0	-65.6	-59.9	317.4	35.3	23.9	-26.0	357.0	329.9	99.9	99.9	59.1	131.
51.9	117.8	15030.3	125.0	-62.6	-59.9	999.9	99.9	99.9	99.9	379.8	329.9	99.9	99.9	64.1	131.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
 COLLEGE STATION, TEXAS

 26 APRIL 1979
 510 GMT

133 92.0

TIME M:M	CNTCT	HEIGHT GFW	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	7.0	79.0	998.0	21.0	19.5	180.0	2.0	0.0	2.0	294.3	331.7	14.5	91.0	0.0	0.
01.0	99.9	56.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	9.1	288.7	975.0	19.1	15.7	183.9	11.8	0.8	11.7	294.4	324.6	11.6	80.5	0.7	334.
03.0	1.7	11.5	950.0	19.3	17.6	203.5	13.9	5.5	12.0	296.2	332.2	13.5	89.6	1.3	353.
04.0	2.6	13.8	925.0	19.2	17.3	221.6	12.1	8.0	9.0	298.5	335.0	13.6	89.1	2.0	8.
05.0	16.3	971.6	900.0	19.5	16.8	246.0	11.3	10.3	4.6	301.6	337.8	13.5	84.1	2.5	18.
06.0	4.6	1215.3	875.0	21.0	13.7	271.7	18.9	10.9	-0.3	305.7	336.9	11.4	63.3	2.8	30.
07.0	5.4	1462.8	850.0	21.0	8.8	280.4	10.5	10.3	-1.0	308.1	331.8	8.4	45.7	3.1	40.
08.0	6.3	1724.3	825.0	19.0	4.7	289.1	9.5	9.0	-3.1	308.7	327.3	6.5	39.9	3.3	60.
09.0	7.2	1987.4	800.0	18.6	2.9	299.2	9.3	8.1	-4.5	308.9	325.9	5.9	39.8	3.5	56.
10.0	8.2	2256.8	775.0	14.6	-1.8	303.1	9.9	8.3	-5.4	309.5	322.2	4.3	32.2	3.8	64.
11.0	9.2	2522.4	750.0	11.7	-3.7	301.9	10.9	9.2	-5.7	309.2	320.7	3.9	36.0	4.2	71.
12.0	10.2	2814.8	725.0	5.5	-8.9	312.7	10.6	7.8	-7.2	309.9	320.6	3.7	35.5	4.6	77.
13.0	11.3	3104.7	700.0	7.3	-7.7	325.6	10.8	6.2	-9.0	310.6	319.8	3.1	33.4	4.9	84.
14.0	12.4	3402.5	675.0	4.6	-9.8	327.4	10.8	5.8	-9.1	310.6	319.0	2.7	34.2	5.3	92.
15.0	13.6	3708.7	650.0	2.1	-13.7	327.7	9.4	5.0	-8.0	311.4	317.7	2.0	29.7	5.7	98.
16.0	14.7	4023.5	625.0	-0.9	-15.6	322.1	9.6	5.9	-7.6	311.2	317.1	1.8	31.6	6.2	102.
17.0	15.9	4348.2	600.0	-2.8	-16.7	312.1	9.8	6.7	-6.1	312.2	318.3	1.7	33.4	6.8	106.
18.0	17.3	4683.8	575.0	-5.5	-19.5	293.1	8.5	7.9	-3.3	313.6	318.5	1.5	34.8	7.4	107.
19.0	18.7	5033.6	550.0	-7.0	-19.9	290.7	11.0	10.3	-6.1	316.9	320.8	1.2	33.2	8.2	108.
20.0	20.2	5392.7	525.0	-9.6	-22.9	291.7	14.5	13.1	-6.0	317.2	321.1	1.2	43.0	10.5	109.
21.0	21.4	5767.5	500.0	-13.0	-25.6	293.9	17.7	16.2	-7.2	317.7	321.9	1.3	56.6	12.0	109.
22.0	22.8	6156.2	475.0	-16.4	-28.6	297.5	16.7	14.9	-7.7	319.6	321.9	0.7	35.8	13.6	110.
23.0	24.4	6560.8	450.0	-18.8	-30.2	297.5	16.0	15.6	-8.9	322.1	323.4	0.4	21.1	15.3	111.
24.0	26.1	6924.9	425.0	-21.0	-37.5	299.6	18.1	14.8	-10.4	323.2	324.1	0.2	19.1	17.2	112.
25.0	27.8	7330.1	400.0	-24.5	-41.3	305.2	18.1	13.8	-12.4	323.2	324.6	0.2	23.4	19.1	114.
26.0	29.6	7656.2	375.0	-28.6	-43.0	311.9	18.5	13.8	-13.9	324.7	325.2	0.2	22.2	21.0	116.
27.0	31.4	8003.7	350.0	-32.7	-48.5	316.3	22.5	15.6	-16.3	325.3	325.7	0.1	29.8	23.4	118.
28.0	33.4	8450.4	325.0	-37.4	-49.9	319.7	24.7	16.0	-18.8	325.0	325.9	99.9	99.9	26.0	120.
29.0	35.3	8950.4	300.0	-42.9	-59.9	324.8	26.8	15.4	-21.9	327.2	327.2	99.9	99.9	29.3	122.
30.0	37.6	10322.7	275.0	-46.7	-69.9	320.1	34.0	21.8	-26.1	329.0	329.0	99.9	99.9	33.7	125.
31.0	40.3	10657.5	250.0	-51.9	-69.9	311.1	36.4	27.4	-23.0	330.6	329.9	99.9	99.9	39.2	127.
32.0	42.9	11332.7	225.0	-57.4	-69.9	309.2	51.7	40.1	-32.7	333.6	329.9	99.9	99.9	46.4	127.
33.0	45.6	12067.9	200.0	-62.6	-69.9	321.1	41.7	26.2	-32.5	341.6	329.9	99.9	99.9	55.1	128.
34.0	48.6	12802.5	175.0	-65.7	-69.9	316.9	45.7	31.2	-33.3	353.7	329.9	99.9	99.9	63.5	130.
35.0	52.0	13620.6	150.0	-67.6	-69.9	306.5	30.1	24.2	-17.9	375.8	329.9	99.9	99.9	72.6	130.
36.0	55.8	14918.1	125.0	-65.8	-69.9	270.0	10.2	10.2	0.0	397.4	329.9	99.9	99.9	78.3	129.
37.0	60.8	16267.7	100.0	-67.4	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 SIGNAL FROM
 POOR QUALITY

STATION NC. 5
COLLEGE STATION, TEXAS

26 APRIL 1979
808 GMT

100 133. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	N COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	6.6	79.0	598.7	21.2	19.5	190.0	2.0	0.3	2.0	294.2	331.9	14.5	90.0	0.0	0.
0.9	99.9	98.9	1000.0	59.9	59.9	99.9	49.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	8.6	287.9	975.0	20.7	19.7	216.4	7.1	4.2	5.7	296.0	335.1	15.1	94.5	0.4	340.
1.7	10.0	513.0	950.0	16.8	19.0	228.7	9.4	7.1	6.2	297.2	335.8	14.7	94.9	0.7	13.
2.5	13.0	743.0	925.0	16.1	17.3	238.0	12.6	10.7	6.7	297.2	333.4	13.6	95.1	1.1	30.
3.4	15.2	978.7	900.0	16.1	17.3	252.5	16.0	15.2	4.8	300.1	337.2	14.0	95.1	1.8	43.
4.4	17.5	1221.4	875.0	16.1	17.3	266.5	17.5	17.5	0.5	302.6	341.1	14.4	95.0	2.7	57.
5.5	19.6	1470.5	850.0	17.9	13.7	278.1	13.5	13.3	-1.9	304.5	337.0	11.7	76.5	3.6	67.
6.5	21.9	1726.4	825.0	18.3	2.2	300.3	7.6	6.6	-3.8	307.9	323.7	5.5	34.2	4.1	72.
7.4	24.3	1989.5	800.0	17.8	-7.5	291.1	6.6	8.1	-3.1	310.1	318.4	2.7	17.1	4.4	76.
8.5	26.6	2259.7	775.0	16.0	-10.3	279.1	9.9	9.7	-1.6	311.6	317.9	2.3	15.4	5.0	79.
9.6	29.0	2536.7	750.0	13.9	-9.9	280.5	10.1	9.9	-1.8	311.6	319.0	2.4	18.1	5.5	82.
10.6	31.4	2828.9	725.0	11.2	-10.5	280.6	12.7	12.5	-2.3	311.7	319.1	2.4	20.7	6.2	84.
11.7	33.9	3112.5	700.0	9.3	-10.1	289.9	10.2	9.6	-3.5	312.7	320.6	2.5	24.3	7.0	86.
12.9	36.4	3412.4	675.0	6.4	-10.2	291.3	11.5	10.7	-4.2	312.8	320.8	2.6	29.3	7.6	88.
14.2	39.9	3720.3	650.0	3.9	-11.5	294.1	13.9	12.7	-5.7	313.2	320.9	2.6	31.4	8.5	91.
15.4	41.5	4037.5	625.0	1.0	-12.1	304.1	12.3	10.2	-6.9	313.6	321.0	2.4	37.0	9.4	94.
16.7	44.1	4354.1	600.0	-1.7	-13.5	298.4	9.3	8.2	-4.4	314.2	321.2	2.3	40.1	10.2	96.
18.0	46.9	4701.3	575.0	-3.5	-17.6	276.7	9.9	9.8	-1.2	315.4	320.8	1.7	33.6	10.8	97.
19.3	49.6	5051.1	550.0	-5.9	-21.0	274.3	12.1	12.1	-0.9	317.1	321.3	1.3	28.9	11.7	97.
20.7	52.4	5413.5	525.0	-8.7	-22.0	284.1	13.0	12.6	-3.2	318.0	322.0	1.2	33.1	12.7	97.
22.1	55.3	5789.4	500.0	-11.5	-24.4	286.5	15.6	14.8	-5.0	319.0	322.5	1.1	33.4	13.9	98.
23.5	58.2	6181.4	475.0	-13.9	-26.3	286.1	15.8	15.2	-4.4	320.6	324.0	0.9	34.0	15.2	99.
25.0	61.3	6589.8	450.0	-16.6	-31.6	289.0	15.3	14.5	-5.0	322.4	324.5	0.6	25.9	16.7	99.
26.7	64.4	7017.4	425.0	-19.3	-35.3	292.8	16.9	15.6	-6.5	324.3	325.9	0.4	22.5	18.2	100.
28.3	67.5	7455.8	400.0	-23.3	-38.8	287.7	18.1	17.3	-5.5	326.7	327.2	0.3	20.6	19.9	101.
30.0	70.9	7936.1	375.0	-26.3	-42.1	284.2	16.8	16.3	-4.1	326.7	327.6	0.2	20.2	21.7	102.
31.9	74.3	8431.3	350.0	-30.1	-45.6	288.3	17.9	17.0	-5.6	328.2	328.9	0.2	20.2	23.4	102.
34.0	77.9	8953.7	325.0	-34.7	-45.0	292.8	20.7	19.1	-8.0	328.5	329.6	0.2	33.7	26.0	103.
36.3	81.6	9537.4	300.0	-38.9	-49.3	291.0	22.8	21.3	-8.2	330.5	331.0	0.1	32.4	28.9	104.
38.7	85.4	10059.2	275.0	-42.5	-59.9	290.5	29.2	27.3	-10.2	332.2	333.0	99.9	999.9	32.4	105.
41.0	89.5	10732.1	250.0	-48.9	-59.9	295.8	30.5	27.5	-13.3	333.3	333.3	99.9	999.9	36.7	105.
43.3	93.9	11416.1	225.0	-53.9	-59.9	300.8	40.3	32.3	-24.2	335.9	335.9	99.9	999.9	41.1	107.
45.1	98.5	12162.6	200.0	-59.4	-59.9	309.8	54.0	41.5	-34.6	338.7	338.7	99.9	999.9	48.5	114.
47.2	103.6	12989.3	175.0	-64.0	-59.9	309.9	99.9	99.9	99.9	344.4	344.4	99.9	999.9	50.8	114.
52.9	109.0	13935.2	150.0	-64.5	-59.9	309.9	99.9	99.9	99.9	358.3	358.3	99.9	999.9	999.9	999.9
56.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TYPE HAVE BEEN INTERPOLATED
** 0 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
 COLLEGE STATION, TEXAS

26 APRIL 1979

1110 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

92 209. 1

TIME MIN	CNCTF	HEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.6	79.0	598.7	21.7	20.7	360.0	0.0	0.0	0.0	295.8	335.3	15.6	94.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
3.8	8.5	286.5	575.0	21.4	20.8	999.9	99.9	99.9	99.9	296.7	338.5	16.1	96.2	999.9	999.9
1.8	19.7	516.4	550.0	20.3	19.6	599.9	99.9	99.9	99.9	297.6	338.0	15.4	96.0	999.9	999.9
2.6	12.8	745.3	925.0	15.2	18.6	294.4	7.7	7.0	-3.2	299.8	337.9	14.7	95.8	0.7	50.
3.7	15.1	981.3	900.0	17.8	17.1	305.4	7.4	6.1	-4.3	299.9	336.4	13.8	95.6	0.9	82.
4.6	17.3	1222.6	875.0	16.1	15.4	297.7	7.8	6.9	-3.6	302.1	334.5	12.7	95.4	1.3	93.
5.5	19.5	1469.6	850.0	15.2	12.6	298.2	9.1	8.0	-4.3	302.1	331.7	10.9	94.7	1.7	99.
6.4	21.8	1722.2	825.0	15.6	-12.1	299.4	8.2	7.2	-4.0	305.1	318.7	1.8	13.7	2.2	104.
7.5	24.2	1984.2	800.0	18.1	-15.1	306.0	8.3	6.5	-5.1	310.4	315.1	1.5	9.2	2.7	107.
8.5	26.5	2254.5	775.0	16.2	-22.8	319.1	9.6	6.3	-7.2	311.3	313.8	0.8	5.3	3.2	112.
9.7	29.8	2531.5	750.0	14.0	-20.8	315.9	10.6	7.4	-7.6	311.6	315.0	1.0	7.3	3.8	117.
10.8	31.3	2815.9	725.0	11.3	-21.9	315.9	12.2	8.5	-8.8	311.9	314.4	0.8	6.7	4.5	120.
11.8	33.7	3106.9	700.0	9.0	-28.9	316.0	12.4	8.6	-8.9	312.5	314.1	0.5	4.8	5.2	122.
12.8	36.2	3406.2	675.0	6.3	-21.9	310.3	11.5	8.6	-7.4	312.7	315.8	1.0	11.1	5.9	123.
14.0	38.8	3713.7	650.0	3.4	-17.1	306.0	12.0	9.7	-7.0	312.8	317.7	1.5	20.7	6.7	124.
15.1	41.1	4038.1	425.0	0.5	-14.9	299.2	13.7	12.0	-6.7	313.1	319.1	1.9	30.2	7.6	124.
16.4	44.0	4355.8	600.0	-2.1	-18.1	287.3	14.9	14.3	-4.4	313.7	319.4	1.8	33.1	8.7	123.
17.9	46.7	4692.9	575.0	-4.1	-23.2	281.4	17.1	16.7	-3.4	318.5	318.5	1.0	20.9	10.0	120.
19.1	49.4	5041.8	550.0	-7.0	-20.9	282.9	17.4	16.9	-3.9	315.6	320.0	1.3	31.9	11.3	118.
20.4	52.2	5402.5	525.0	-10.0	-21.3	288.9	16.9	16.0	-5.3	316.4	320.7	1.3	39.7	12.6	116.
21.8	55.1	5777.1	500.0	-11.6	-31.8	291.0	15.7	14.7	-5.6	318.9	320.7	0.5	16.9	13.9	116.
23.4	59.1	6166.3	475.0	-14.4	-32.5	288.4	12.3	14.6	-4.9	320.2	322.0	0.5	19.7	15.4	115.
24.9	61.1	6575.8	450.0	-17.6	-29.0	285.3	14.3	13.8	-3.8	321.2	323.8	0.8	36.5	16.7	115.
26.5	64.3	7001.9	425.0	-20.5	-26.3	291.4	17.0	15.8	-6.2	322.7	324.1	0.4	22.6	18.2	114.
28.2	67.5	7448.0	400.0	-22.8	-38.7	289.8	21.0	19.9	-6.8	324.1	325.3	0.3	23.8	23.1	114.
29.9	70.9	7916.1	375.0	-26.9	-42.1	282.8	21.3	20.8	-4.7	326.0	326.9	0.2	21.9	22.3	113.
31.7	74.3	8409.6	350.0	-31.4	-38.9	292.2	19.0	17.6	-7.2	326.4	327.8	0.4	47.4	24.5	113.
33.6	77.9	8930.1	325.0	-35.2	-39.5	291.1	22.3	20.8	-8.0	328.1	329.5	0.4	64.4	26.7	112.
35.6	81.6	9483.2	300.0	-39.7	99.9	296.9	26.1	23.2	-11.8	329.4	329.9	99.9	999.9	29.5	112.
37.8	85.5	10072.4	275.0	-44.1	59.9	301.5	31.8	27.1	-16.6	331.2	330.9	99.9	999.9	33.4	113.
40.3	89.7	10704.1	250.0	-48.5	99.9	295.6	36.4	32.8	-15.7	332.5	332.9	99.9	999.9	38.4	114.
42.8	94.0	11385.5	225.0	-55.1	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDELA, KANSAS

25 APRIL 1979
1105 GMT

123 83. 0

TIME MTU	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT H DG K	E POT P DG K	WX RTO CM/KG	RH PCV	RANGE KM	AZ DG
0.0	10.3	448.0	950.7	15.0	13.4	100.0	3.6	-3.5	0.6	292.4	319.0	10.2	90.8	0.0	0.
5.9	99.9	59.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	10.4	454.3	950.0	15.1	13.4	104.1	4.0	-3.8	1.0	292.8	319.2	10.3	90.1	0.0	352.
1.0	12.7	681.5	925.0	16.0	14.7	160.7	8.8	-2.9	8.3	295.7	325.8	11.5	92.1	0.3	308.
1.8	15.0	918.9	900.0	15.6	14.4	191.0	10.1	1.9	9.9	297.6	328.3	11.6	92.6	0.7	336.
2.7	17.4	1154.3	875.0	14.0	13.4	215.2	10.9	6.3	8.9	298.4	328.0	11.1	95.9	1.2	357.
3.6	19.7	1395.3	850.0	13.1	12.3	250.8	9.4	8.9	3.1	299.8	328.5	10.7	95.4	1.6	13.
4.6	22.1	1650.6	825.0	11.9	10.3	294.1	8.1	7.4	-3.3	301.2	327.2	9.6	89.8	1.8	28.
5.5	24.6	1908.4	800.0	10.4	9.0	334.8	6.6	2.8	-6.0	302.3	327.0	9.1	90.6	1.7	42.
6.5	27.0	2173.2	775.0	10.1	5.9	327.2	3.4	1.9	-2.9	304.7	325.7	7.5	75.0	1.3	51.
7.5	29.5	2446.8	750.0	10.8	1.5	164.8	6.8	-1.2	4.6	308.3	324.7	5.7	52.5	1.5	48.
8.5	32.1	2729.2	725.0	10.2	-6.2	194.7	9.4	2.4	9.1	310.8	320.6	3.3	52.5	1.5	48.
9.6	34.7	3028.0	700.0	8.3	-9.4	199.0	11.2	3.6	10.5	311.7	319.9	2.7	27.3	2.5	36.
10.6	37.3	3318.9	675.0	5.7	-8.9	204.4	11.8	4.9	10.8	312.0	320.9	2.9	36.9	3.2	31.
11.7	40.0	3526.0	650.0	3.1	-8.9	211.3	12.7	6.6	10.9	312.3	321.6	2.9	40.8	4.0	36.
12.9	42.3	3742.1	625.0	0.1	-11.1	216.2	13.8	8.1	11.1	312.6	320.6	2.6	42.7	5.0	31.
14.1	45.4	4257.6	600.0	-2.8	-12.8	220.7	13.2	9.8	10.0	312.9	320.2	2.4	46.1	6.0	32.
15.3	48.4	4603.1	575.0	-5.5	-19.5	226.5	13.5	8.8	9.3	313.2	318.0	1.4	32.2	6.9	36.
16.5	51.3	4950.0	550.0	-8.0	-22.5	229.2	15.1	11.4	9.9	314.7	318.3	1.1	29.8	7.9	36.
17.8	54.3	5310.0	525.0	-10.7	-23.1	231.0	16.7	13.0	10.5	315.6	319.3	1.1	35.1	9.1	38.
19.1	57.3	5623.4	500.0	-13.8	-21.3	232.7	17.5	13.9	10.6	316.3	320.8	1.4	53.1	10.4	39.
20.5	60.4	6071.4	475.0	-16.5	-22.8	235.7	17.9	14.8	10.1	317.5	321.7	1.3	58.2	11.8	41.
21.8	63.6	6475.3	450.0	-19.2	-27.5	236.8	19.8	16.7	10.9	319.1	322.0	0.9	47.9	13.4	43.
23.0	67.0	6937.8	425.0	-23.1	-30.9	236.7	21.5	18.0	11.8	319.4	321.7	0.7	48.2	15.4	45.
24.2	70.4	7399.2	400.0	-26.5	-33.2	237.0	21.0	17.6	11.4	320.5	322.5	0.6	53.0	17.4	46.
25.9	74.0	7801.3	375.0	-30.8	-36.0	236.6	20.7	17.3	11.4	320.5	322.5	0.5	59.5	19.5	47.
27.5	77.6	8287.7	350.0	-34.6	-39.7	236.5	19.1	15.9	10.5	322.1	323.3	0.3	54.5	21.4	48.
29.3	81.5	8800.4	325.0	-39.2	-44.8	234.8	19.0	15.5	10.9	322.7	323.4	0.2	54.5	23.3	49.
31.1	85.3	9343.9	300.0	-43.7	-49.9	236.3	19.9	16.6	11.1	323.6	323.6	99.9	99.9	25.5	49.
33.3	89.6	9921.4	275.0	-49.0	-55.0	246.2	19.3	17.7	7.8	324.3	324.3	99.9	99.9	28.1	50.
35.4	94.0	10540.6	250.0	-53.8	-59.9	260.7	13.8	13.7	2.2	326.1	326.1	99.9	99.9	30.0	52.
38.6	99.6	11208.8	225.0	-55.0	-59.9	241.7	6.6	1.9	3.1	328.1	328.1	99.9	99.9	31.1	53.
41.2	103.6	11938.1	200.0	-65.0	-59.9	194.4	7.6	1.9	7.4	329.5	329.5	99.9	99.9	31.8	52.
43.7	109.2	12743.2	175.0	-66.3	-59.9	230.4	15.9	12.3	10.1	340.6	340.6	99.9	99.9	33.2	51.
46.8	115.0	13686.1	150.0	-68.2	-59.9	265.2	19.5	14.8	1.7	368.8	368.8	99.9	99.9	36.7	54.
50.4	121.5	14828.3	125.0	-68.2	-59.9	279.4	15.0	14.8	-2.5	386.8	386.8	99.9	99.9	39.7	57.
55.1	128.7	16237.7	100.0	-57.0	-59.9	599.9	99.9	99.9	99.9	417.4	417.4	99.9	99.9	41.7	61.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
 CONCORDIA, KANSAS

 25 APRIL 1979
 1406 GMT

128 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG R	E POT T DEG K	W RTO G4/KG	RH PCT	RANGE KM	AZ DEG
0.0	11.3	448.0	954.5	9.8	8.1	340.0	11.3	0.0	-11.3	286.8	305.2	7.1	89.0	0.0	0.
99.9	99.9	59.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	1.7	487.4	550.0	10.0	8.3	144.0	19.8	-11.4	16.1	287.3	306.4	7.4	90.4	0.1	255.
1.0	14.1	708.8	925.0	8.2	7.1	0.9	20.1	-0.3	-20.1	287.7	305.5	6.9	92.8	1.0	182.
2.0	16.6	934.8	900.0	6.6	6.2	3.3	12.5	-1.1	-18.4	288.3	305.6	6.6	97.2	2.0	182.
2.7	19.1	1160.3	875.0	6.3	5.8	16.6	17.3	-5.0	-16.6	290.3	307.9	6.7	97.2	2.8	183.
3.8	21.7	1406.6	850.0	9.2	8.9	40.2	15.9	-10.3	-12.1	295.8	310.4	8.5	97.6	3.7	190.
4.8	24.2	1654.9	825.0	5.9	9.6	55.4	12.0	-9.9	-6.8	299.1	323.7	9.1	97.7	4.5	197.
5.7	26.8	1911.2	800.0	9.2	8.9	58.3	8.3	-7.2	-4.5	301.0	325.5	9.0	97.6	4.9	201.
6.6	29.4	2174.6	775.0	8.1	7.7	64.0	5.3	-4.8	-2.3	302.2	326.1	8.6	97.5	5.2	204.
7.6	32.1	2446.0	750.0	2.3	4.0	139.5	4.6	-3.0	3.5	305.4	324.2	6.9	74.5	5.3	206.
8.8	34.9	2727.1	725.0	10.4	-12.9	218.2	11.4	7.1	9.0	310.8	316.9	2.0	18.3	4.8	206.
9.8	37.6	3018.2	700.0	6.0	-44.4	229.1	14.2	10.7	9.3	312.4	312.8	0.1	1.0	4.0	201.
10.9	40.3	3317.6	675.0	6.7	-45.8	229.5	15.4	11.7	10.0	313.1	313.5	0.1	1.0	3.2	192.
12.2	43.2	3625.3	650.0	3.9	-45.4	228.7	15.2	11.4	10.0	313.4	313.8	0.1	1.4	2.3	175.
13.3	45.1	3941.9	625.0	1.0	-38.9	228.8	14.7	11.2	9.5	313.5	314.3	0.2	3.2	1.9	150.
14.6	49.0	4267.9	600.0	-1.9	-19.8	234.2	15.4	12.5	9.0	313.5	318.2	1.3	23.8	2.1	118.
15.9	52.1	4604.4	575.0	-5.3	-14.1	236.3	16.2	13.5	9.0	313.5	320.8	2.2	49.8	2.8	96.
17.1	55.0	4951.6	550.0	-8.2	-14.4	233.3	16.8	13.5	10.1	314.2	321.4	2.3	61.1	3.9	84.
18.5	58.2	5311.0	525.0	-11.3	-15.4	229.4	18.7	14.2	12.1	314.9	321.8	2.2	71.3	5.2	75.
19.5	61.4	5683.6	500.0	-14.0	-20.2	230.9	19.6	15.2	12.3	316.8	320.9	1.5	59.4	6.6	69.
21.3	64.7	6071.2	475.0	-16.4	-27.3	239.2	19.3	16.6	9.9	317.4	320.3	0.9	39.4	8.3	66.
22.9	68.1	6475.4	450.0	-19.4	-62.3	250.6	18.8	17.7	6.2	318.2	318.9	0.0	1.0	10.1	46.
24.4	71.6	6897.4	425.0	-22.9	-64.5	252.8	19.6	19.0	5.9	319.6	319.7	0.0	1.0	11.8	67.
26.2	75.1	7338.9	400.0	-26.8	-66.6	253.1	20.8	19.9	6.0	321.2	321.2	0.0	1.0	13.9	68.
27.9	79.9	7801.9	375.0	-30.4	-69.5	255.0	21.0	20.3	5.5	321.3	321.3	0.0	1.0	16.2	69.
29.8	82.7	8288.2	350.0	-34.7	-72.2	258.6	24.1	21.5	5.6	322.8	322.0	0.0	1.0	18.6	70.
31.6	85.7	8800.8	325.0	-38.9	-75.1	259.5	22.0	21.2	5.9	323.1	323.1	0.0	1.0	21.2	71.
32.5	90.8	9345.5	300.0	-43.1	99.9	249.9	19.2	18.1	6.6	324.6	999.9	99.9	999.9	23.5	71.
35.6	95.3	9924.6	275.0	-48.6	99.9	249.1	17.9	16.7	6.4	324.9	999.9	99.9	999.9	25.9	71.
37.8	100.0	10546.1	250.0	-52.2	99.9	228.4	18.7	4.9	8.1	328.3	999.9	99.9	999.9	27.7	70.
40.1	105.0	11218.6	225.0	-57.8	99.9	191.4	12.4	2.5	12.2	330.8	999.9	99.9	999.9	28.6	68.
42.5	110.3	11955.2	200.0	-62.8	99.9	192.8	17.7	3.9	17.3	333.2	999.9	99.9	999.9	29.7	68.
45.2	116.9	12774.1	175.0	-65.9	99.9	242.3	22.3	19.8	10.4	341.2	999.9	99.9	999.9	32.5	61.
47.6	122.5	13734.7	150.0	-57.9	99.9	268.6	16.6	16.6	0.4	370.3	999.9	99.9	999.9	34.3	63.
52.4	129.7	14892.9	125.0	-56.2	99.9	271.0	10.5	10.5	-0.2	393.2	999.9	99.9	999.9	39.2	66.
57.0	137.7	16315.0	100.0	-56.1	99.9	999.9	99.9	99.9	99.9	419.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	59.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

25 APRIL 1979
1725 GMT

TIME MIN	CHTCV	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.7	442.0	550.5	9.4	5.2	340.0	10.3	0.0	-10.3	206.8	301.2	5.0	75.0	0.0	0.
0.9	99.9	55.9	1000.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.5	522.1	550.0	5.2	4.8	321.5	5.8	3.4	-4.5	266.5	301.5	5.7	74.5	0.6	168.
1.3	13.9	742.2	525.0	6.6	5.3	355.6	14.5	1.1	-14.5	286.0	301.8	6.1	91.6	1.0	168.
2.1	16.4	966.7	900.0	4.6	3.6	0.1	20.0	-0.0	-20.0	286.2	300.7	5.9	93.2	1.8	173.
3.2	18.8	1167.0	875.0	5.8	2.8	6.6	22.5	-2.6	-22.5	289.1	304.1	5.4	81.1	3.4	178.
4.2	21.3	1434.3	850.0	4.6	4.9	6.6	18.1	-2.1	-17.9	291.6	307.6	6.2	99.1	4.6	181.
5.1	23.9	1678.4	825.0	5.5	5.5	12.7	12.0	-2.6	-11.7	294.4	312.8	6.9	100.0	5.4	181.
6.1	26.4	1930.7	800.0	5.8	5.8	31.2	7.4	-3.9	-6.4	297.3	317.0	7.3	100.0	5.9	183.
7.1	29.0	2191.4	775.0	6.2	6.2	11.9	4.2	-0.9	-0.2	300.4	321.5	7.7	100.1	6.3	185.
8.2	31.7	2461.1	750.0	6.1	6.1	291.1	4.9	4.5	-1.8	303.2	325.1	7.9	100.1	6.4	184.
9.3	34.3	2739.1	725.0	4.8	4.8	278.6	8.9	8.8	-1.3	304.7	325.5	7.5	99.9	6.4	180.
10.3	37.1	3025.1	700.0	3.0	3.0	277.6	10.9	10.0	-1.4	309.5	325.1	6.8	99.6	6.5	174.
11.4	39.9	3318.9	675.0	0.3	-6.9	271.9	13.2	13.2	-0.4	306.0	315.9	3.4	98.2	6.7	168.
12.5	42.7	3622.2	650.0	0.6	-29.8	268.3	14.9	14.7	2.5	309.4	311.3	0.5	8.1	6.9	160.
13.6	45.6	3935.6	625.0	-1.6	-27.5	260.8	15.3	14.3	5.5	310.7	312.8	0.6	11.7	7.1	159.
14.7	48.5	4259.4	600.0	-2.7	-16.2	239.0	15.8	13.5	8.1	311.5	317.5	1.8	37.5	7.3	141.
15.8	51.5	4594.3	575.0	-6.2	-15.1	230.1	17.5	13.4	11.2	312.6	319.2	2.1	49.1	7.5	132.
16.9	54.6	4940.6	550.0	-8.7	-17.1	225.0	19.2	13.6	13.6	313.7	319.4	1.8	50.7	7.7	128.
17.9	57.8	5295.3	525.0	-11.8	-17.3	225.0	20.7	14.9	14.4	314.2	320.1	1.9	63.9	8.3	109.
19.0	61.0	5678.0	500.0	-14.9	-21.1	229.2	21.7	16.4	14.2	314.2	319.4	1.6	59.4	9.3	99.
20.5	64.3	6058.6	475.0	-17.5	-29.9	236.0	23.4	19.4	13.1	316.4	318.6	0.7	32.7	10.8	91.
21.7	67.7	6461.4	450.0	-20.3	-35.7	236.1	25.1	20.8	14.0	317.7	319.1	0.4	23.7	12.8	85.
23.3	71.0	6882.3	425.0	-23.4	-45.1	240.3	25.7	21.9	12.5	319.0	319.6	0.2	11.5	15.1	81.
25.0	74.9	7323.3	400.0	-26.4	-66.8	242.7	26.9	23.9	12.3	320.7	320.8	0.0	1.0	17.4	78.
26.7	78.6	7786.4	375.0	-30.4	-62.3	242.7	26.9	24.9	11.0	321.7	322.1	0.0	23.0	20.2	76.
28.4	82.4	8272.3	350.0	-34.9	-68.5	244.4	27.6	24.9	10.2	322.2	323.0	0.1	31.7	26.4	73.
30.6	86.5	8784.8	325.0	-39.3	-69.7	249.4	28.9	27.1	10.2	323.1	323.0	0.1	99.9	29.9	73.
32.5	90.7	9327.4	300.0	-44.2	-69.9	252.6	31.0	29.6	9.3	323.5	323.5	0.0	99.9	33.9	73.
34.5	95.2	9904.5	275.0	-48.2	-69.9	255.7	32.9	31.9	8.1	323.5	323.5	0.0	99.9	38.4	74.
36.8	99.9	10522.1	250.0	-54.1	-69.9	259.8	32.6	32.1	5.8	325.4	325.4	0.0	99.9	41.6	74.
39.1	104.8	11194.6	225.0	-56.7	-69.9	262.0	16.2	17.3	13.3	334.2	334.2	0.0	99.9	43.3	74.
41.1	110.2	11931.0	200.0	-62.1	-69.9	262.0	17.9	12.9	13.3	334.2	334.2	0.0	99.9	47.2	71.
43.1	116.0	12753.8	175.0	-68.6	-69.9	265.3	30.0	27.3	12.3	350.0	350.0	0.0	99.9	51.8	71.
45.9	122.5	13728.2	150.0	-58.2	-69.9	261.2	16.2	16.0	2.5	375.1	375.1	0.0	99.9	53.7	72.
48.8	128.5	14851.0	125.0	-55.6	-69.9	267.1	11.1	10.2	0.3	394.4	394.4	0.0	99.9	99.9	99.9
52.4	137.7	16305.6	100.0	-57.4	-69.9	99.9	99.9	99.9	99.9	416.5	416.5	0.0	99.9	99.9	99.9
56.2	147.9	17999.9	75.0	-59.9	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9
59.9	159.9	199.9	50.0	-59.9	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

25 APRIL 1979
2011 64Y

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT HT DEG K	E POT T DEG K	WZ RTO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	10.3	442.0	959.0	11.3	3.8	340.0	0.2	0.0	-0.2	297.9	301.0	5.3	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	11.1	526.7	950.0	10.6	2.1	356.5	10.4	0.6	-10.4	299.0	300.5	4.7	55.6	0.4	180.
1.0	13.5	747.8	925.0	7.7	2.8	358.6	10.1	0.2	-10.1	287.2	300.6	5.1	70.9	0.7	178.
1.8	15.9	973.0	900.0	6.2	2.2	0.2	13.0	-0.0	-13.0	287.9	301.1	5.0	75.4	1.2	179.
3.2	19.6	1205.2	875.0	7.2	2.2	1.1	15.7	-0.3	-15.7	291.2	305.0	5.1	70.6	2.5	180.
4.2	20.9	1444.0	850.0	7.4	2.4	351.3	16.2	2.5	-16.0	293.9	308.5	5.4	70.3	3.5	179.
5.2	23.4	1699.6	825.0	4.2	1.5	343.0	10.6	5.4	-17.0	295.1	309.3	5.2	72.0	4.5	177.
6.0	25.9	1941.4	800.0	4.8	1.3	332.9	17.4	7.9	-15.5	296.3	310.8	5.3	78.2	5.3	174.
6.9	29.5	2200.2	775.0	3.8	2.6	313.0	13.7	9.9	-9.5	298.0	314.4	6.0	91.5	6.1	170.
7.8	31.1	2467.5	750.0	3.7	2.9	288.0	9.9	9.3	-3.2	300.7	318.1	6.3	94.3	6.6	166.
9.9	33.8	2745.1	725.0	2.7	2.3	275.3	9.2	9.2	-0.0	302.4	319.9	6.2	97.0	6.8	161.
10.0	36.6	3027.2	700.0	1.7	0.7	263.1	11.5	11.4	1.4	304.2	320.7	5.8	93.2	7.0	156.
11.1	39.3	3318.9	675.0	-0.4	-3.3	264.5	15.6	15.5	1.5	305.2	316.3	3.8	69.2	7.3	149.
12.2	42.1	3607.7	650.0	-2.7	-9.8	264.0	20.3	20.3	2.1	305.5	314.2	2.8	57.7	7.9	141.
13.4	45.0	3931.8	625.0	-3.1	-13.2	260.1	22.0	22.5	3.9	308.5	315.6	2.2	45.7	8.9	133.
14.5	47.9	4254.0	600.0	-4.9	-14.6	247.6	20.9	19.4	7.9	313.4	316.0	2.1	46.4	9.8	125.
15.8	50.9	4587.6	575.0	-6.6	-16.4	231.7	20.7	16.3	12.8	312.3	318.1	1.8	45.5	10.5	117.
17.0	53.9	4933.7	550.0	-9.0	-18.0	223.6	22.8	15.6	16.4	313.4	318.8	1.7	47.9	11.0	110.
18.3	57.0	5292.3	525.0	-11.6	-22.1	229.0	24.6	18.0	15.9	314.2	318.5	1.2	41.3	11.9	102.
19.6	60.1	5668.6	500.0	-13.7	-26.3	233.5	27.3	22.0	16.3	316.4	319.3	0.9	33.4	13.4	95.
21.1	63.4	6052.1	475.0	-17.0	-27.1	233.0	28.2	22.5	17.0	316.9	319.8	0.9	41.3	15.3	89.
22.6	66.8	6455.7	450.0	-19.0	-32.4	232.4	28.5	22.6	17.4	318.2	320.1	0.6	31.8	17.4	84.
24.1	70.3	6872.0	425.0	-23.4	-33.9	233.3	28.7	23.1	17.2	318.5	320.7	0.5	37.3	19.8	80.
25.7	73.9	7317.2	400.0	-26.9	-35.3	240.7	29.6	25.8	14.5	320.0	321.7	0.5	44.4	22.2	77.
27.6	77.5	7780.1	375.0	-30.2	-39.3	245.5	32.0	30.4	12.8	322.5	323.4	0.3	39.2	29.1	74.
29.5	81.3	8267.0	350.0	-34.3	-43.3	247.2	33.0	30.4	12.8	322.5	323.4	0.2	39.2	29.1	74.
31.2	85.3	8781.1	325.0	-38.3	-46.8	247.2	33.1	30.5	12.8	323.6	324.6	0.2	40.1	32.7	74.
32.3	89.5	9320.7	300.0	-42.6	-49.9	243.5	33.1	30.5	14.8	325.4	325.4	99.9	999.9	36.6	73.
35.6	94.0	9987.7	275.0	-47.5	-54.9	243.5	35.1	31.4	15.7	326.4	326.4	99.9	999.9	41.2	72.
37.7	99.6	10529.6	250.0	-51.4	-59.9	250.0	39.4	37.1	13.5	326.7	326.7	99.9	999.9	46.1	71.
40.0	103.6	11198.1	225.0	-50.7	-59.9	250.3	38.4	36.2	13.0	327.1	327.1	99.9	999.9	51.5	71.
42.6	109.0	11930.2	200.0	-48.6	-59.9	251.0	32.0	31.0	10.7	336.4	336.4	99.9	999.9	56.8	71.
45.6	114.0	12773.5	175.0	-58.2	-59.9	250.2	22.9	21.0	7.0	353.9	353.9	99.9	999.9	61.8	71.
49.0	121.3	13740.3	150.0	-55.7	-59.9	252.5	21.2	20.2	6.4	374.1	374.1	99.9	999.9	66.4	71.
52.6	129.3	14800.2	125.0	-56.4	-59.9	252.9	15.1	14.4	4.4	392.9	392.9	99.9	999.9	69.8	71.
57.1	136.3	16320.9	100.0	-55.5	-59.9	999.9	99.9	99.9	99.9	420.6	420.6	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS
26 APRIL 1979
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED K/SEC	W COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT S DEG K	MZ 870 G/M ²	RM PCT	RANGE AZ IN DEG
2.0	10.6	440.0	559.4	11.1	2.7	330.0	9.3	3.2	-0.7	288.3	301.2	0.0	54.0	0.0
3.0	99.9	55.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.0	99.9	55.0	575.0	45.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	11.5	530.5	950.0	11.1	2.7	330.0	9.3	3.2	-0.7	288.3	301.2	0.0	54.0	0.0
6.0	13.8	752.3	925.0	9.2	0.6	330.0	13.0	1.9	-10.4	288.7	300.3	4.2	47.2	0.3 159.
7.0	16.3	978.7	900.0	7.1	0.7	330.0	12.3	2.9	-12.0	288.0	300.0	4.5	53.1	1.0 169.
8.0	19.0	1209.6	875.0	4.9	0.4	330.0	13.7	4.0	-12.0	288.0	300.0	4.5	63.6	1.7 169.
9.0	21.2	1445.5	850.0	2.5	-3.6	330.0	16.5	7.2	-12.0	288.0	300.0	4.5	72.4	2.3 167.
10.0	23.8	1680.6	825.0	0.0	-7.2	330.0	16.1	8.9	-13.5	293.7	301.3	2.7	81.3	3.2 165.
11.0	26.3	1939.2	800.0	4.3	-14.0	330.0	16.1	7.6	-10.2	295.7	308.3	1.6	85.0	4.1 161.
12.0	28.9	2196.0	775.0	2.0	-12.1	330.0	15.8	7.5	-10.2	297.0	302.7	1.9	85.0	5.0 159.
13.0	31.6	2461.4	750.0	0.0	-12.1	330.0	15.8	7.1	-8.9	297.0	302.7	1.9	85.0	6.0 156.
14.0	34.2	2733.4	725.0	0.2	-11.0	294.6	15.7	9.0	-8.5	299.7	306.4	2.3	83.0	7.0 155.
15.0	36.9	3015.2	700.0	0.5	-21.1	285.5	14.9	14.4	-4.0	303.1	306.2	1.0	17.8	8.0 151.
16.0	39.7	3305.7	675.0	-1.6	-24.2	283.1	17.0	18.6	-3.9	303.9	306.4	0.0	15.8	9.7 145.
17.0	42.4	3604.9	650.0	-2.9	-25.9	283.1	19.1	18.6	-4.4	306.6	306.9	0.7	10.1	10.7 141.
18.0	45.3	3913.2	625.0	-5.9	-18.6	281.5	22.7	22.2	-0.5	305.7	310.0	1.4	30.0	12.7 136.
19.0	48.3	4231.2	600.0	-8.7	-15.0	281.5	23.9	22.9	0.2	306.0	312.0	2.0	60.3	14.0 131.
20.0	51.2	4560.2	575.0	-10.2	-19.4	281.8	26.7	23.4	0.3	308.1	312.6	1.4	47.1	15.2 126.
21.0	54.3	4903.8	550.0	-9.0	-26.4	280.9	29.0	25.5	15.4	313.4	316.1	0.8	23.1	16.4 118.
22.0	57.4	5263.1	525.0	-11.7	-31.7	280.9	30.2	25.9	15.6	314.3	316.0	0.5	17.2	17.7 110.
23.0	60.6	5633.4	500.0	-14.0	-26.7	280.6	31.3	27.3	15.4	314.5	317.7	0.9	35.7	19.3 104.
24.0	63.9	6019.1	475.0	-18.3	-26.0	280.7	32.2	27.5	16.7	315.4	319.1	1.1	60.5	21.3 98.
25.0	67.1	6420.5	450.0	-21.5	-26.2	280.9	32.7	28.5	15.9	316.2	319.5	1.0	65.3	23.6 94.
26.0	70.7	6836.4	425.0	-24.3	-29.4	280.7	32.0	29.3	10.6	317.9	320.5	0.6	63.7	26.0 90.
27.0	74.3	7278.0	400.0	-27.0	-32.2	280.8	30.2	29.3	17.0	318.5	321.1	0.6	65.9	28.5 87.
28.0	78.0	7738.0	375.0	-31.0	-35.1	283.1	35.4	31.6	10.0	319.3	321.3	0.5	72.0	29.2 84.
29.0	81.8	8233.5	350.0	-35.1	-38.8	283.0	35.0	32.6	15.2	321.4	321.3	0.4	65.0	32.0 82.
30.0	85.0	8735.7	325.0	-39.3	-43.5	283.4	38.6	35.1	16.1	322.2	323.4	0.2	63.0	34.9 80.
31.0	92.9	9279.1	300.0	-43.8	-49.9	280.0	43.1	40.5	14.7	324.1	324.1	0.9	99.9	41.7 79.
32.0	96.4	9857.3	275.0	-46.2	-59.9	282.6	44.2	42.2	13.3	324.0	324.0	0.9	99.9	47.2 78.
33.0	99.0	10474.6	250.0	-54.4	-69.9	283.1	43.7	41.8	12.7	325.2	325.2	0.9	99.9	53.1 77.
34.0	102.0	11145.0	225.0	-57.4	-69.9	280.8	36.0	33.3	15.6	330.2	330.2	0.9	99.9	58.7 77.
35.0	105.3	11809.0	200.0	-56.5	-69.9	283.6	39.5	37.9	11.2	343.3	343.3	0.9	99.9	64.8 76.
36.0	108.2	12735.7	175.0	-56.0	-69.9	283.2	27.9	27.7	3.3	356.0	356.0	0.9	99.9	70.9 76.
37.0	111.5	13718.2	150.0	-56.3	-69.9	281.0	15.0	15.7	2.3	373.1	373.1	0.9	99.9	75.4 76.
38.0	114.8	14871.1	125.0	-56.8	-69.9	280.1	15.7	15.5	2.7	392.1	392.1	0.9	99.9	78.8 76.
39.0	118.7	16287.5	100.0	-55.7	-69.9	280.9	99.9	99.9	99.9	420.1	420.1	0.9	99.9	99.9 99.9
40.0	99.9	99.9	75.0	-55.7	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.0	99.9	99.9	50.0	-55.7	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.0	99.9	99.9	25.0	-55.7	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
° BY TEMP MEANS TEMPERATURE °R YME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 6
CONCORDIA, KANSAS

26 APRIL 1979
514 GHT

119 06.0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	WIND M/SEC	WIND M/SEC	V COMP M/SEC	POT H DG K	E POT Y DG K	WIND CM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.9	448.0	961.7	6.5	1.6	350.0	3.1	0.5	-3.1	282.2	294.5	4.5	71.0	0.0	0.0
9.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.9	548.8	950.0	8.0	-0.4	9.4	11.2	-1.8	-11.1	283.3	295.7	3.9	55.6	0.1	180.0
1.2	12.1	769.0	925.0	7.7	-1.2	4.3	11.0	-0.8	-11.0	287.1	297.3	3.8	53.2	0.6	180.0
2.1	14.3	994.2	900.0	6.0	-2.7	358.3	12.7	0.4	12.7	287.7	297.1	3.5	53.6	1.2	180.0
3.1	16.5	1224.1	875.0	4.7	-4.0	345.7	15.4	3.7	-14.7	288.8	297.5	3.2	53.1	2.0	170.0
4.0	18.8	1466.5	850.0	4.4	-5.1	333.7	17.4	7.7	-15.6	290.2	299.3	3.1	50.0	2.9	170.0
4.9	21.1	1703.3	825.0	3.7	-6.5	328.2	19.5	10.3	-16.6	292.5	300.5	2.8	47.1	3.8	167.0
5.9	23.5	1952.6	800.0	1.9	-5.5	322.8	19.5	11.8	-15.5	293.2	302.1	3.2	47.9	4.9	162.0
6.9	25.9	2208.1	775.0	0.5	-7.2	322.4	21.1	12.9	-16.7	294.2	302.4	2.9	47.4	6.0	158.0
7.9	28.2	2470.7	750.0	-1.0	-10.8	319.9	20.4	13.1	-15.6	295.2	301.9	2.2	47.4	7.2	155.0
8.9	30.6	2740.7	725.0	-2.1	-13.0	316.2	19.0	12.4	-13.0	297.2	302.1	1.6	36.3	8.3	153.0
9.9	33.1	3018.9	700.0	-3.4	-17.6	312.1	17.7	13.1	-11.9	298.7	302.9	1.4	32.2	9.4	151.0
11.0	35.4	3305.7	675.0	-5.1	-23.9	305.3	17.7	14.5	-10.3	300.6	303.3	1.1	27.6	10.5	148.0
12.1	38.1	3600.8	650.0	-7.3	-25.0	297.7	16.3	14.5	-7.6	300.7	302.9	0.7	20.7	11.5	145.0
13.4	40.7	3905.6	625.0	-8.9	-30.7	297.9	15.9	14.9	-7.9	302.4	304.0	0.5	15.0	12.6	143.0
14.6	43.3	4220.5	600.0	-11.1	-33.4	298.4	18.1	15.9	-8.6	303.2	304.5	0.4	13.8	13.7	141.0
15.9	46.0	4545.3	575.0	-13.8	-35.6	295.0	19.5	17.7	-8.2	303.8	304.8	0.3	12.5	15.1	139.0
17.2	48.8	4881.2	550.0	-16.5	-38.2	294.1	20.0	18.3	-8.2	304.2	305.3	0.2	11.9	16.5	137.0
18.5	51.6	5229.1	525.0	-19.4	-41.3	293.0	22.1	19.0	-9.7	305.1	305.7	0.2	12.0	18.0	135.0
19.8	54.5	5585.7	500.0	-22.4	-44.3	291.1	21.4	19.0	-9.7	305.7	306.4	0.2	16.0	19.8	133.0
21.3	57.5	5969.2	475.0	-25.3	-47.5	294.4	20.0	18.3	-8.3	306.2	307.4	0.2	22.5	21.5	132.0
22.9	60.5	6354.2	450.0	-28.4	-50.8	279.0	22.8	22.5	-3.6	307.2	308.0	0.1	16.8	23.2	130.0
24.2	63.5	6761.6	425.0	-31.2	-53.1	250.3	28.7	28.7	2.3	309.0	309.4	0.1	15.6	24.9	127.0
25.1	65.9	7190.3	400.0	-34.2	-55.1	250.3	32.4	31.7	6.5	313.1	313.4	0.1	13.3	27.4	125.0
26.9	70.3	7643.5	375.0	-35.0	-52.4	255.6	34.2	31.1	8.5	315.2	315.5	0.1	13.3	30.2	117.0
30.0	73.7	8123.4	350.0	-37.3	-53.5	256.1	35.0	33.9	8.4	318.4	318.6	0.1	12.8	33.6	112.0
32.4	77.3	8631.4	325.0	-39.6	-55.9	260.0	37.0	36.5	6.4	322.2	322.2	99.9	999.9	37.9	107.0
34.6	81.0	9175.1	300.0	-42.8	-59.9	260.8	36.4	36.4	5.9	325.1	325.1	99.9	999.9	42.5	104.0
37.0	85.0	9759.7	275.0	-46.5	-63.9	258.5	33.5	32.8	6.7	327.9	327.9	99.9	999.9	47.0	102.0
39.8	89.0	10387.3	250.0	-49.0	-66.9	259.0	31.6	31.2	6.1	333.2	333.2	99.9	999.9	52.4	99.0
42.7	93.5	11075.3	225.0	-51.6	-69.9	262.8	26.6	26.4	3.4	339.5	339.5	99.9	999.9	57.0	98.0
45.1	98.2	11835.3	200.0	-53.6	-71.9	262.8	25.0	24.8	3.1	341.9	341.9	99.9	999.9	62.0	97.0
50.1	103.3	12658.2	175.0	-52.2	-69.9	258.5	21.9	21.5	4.4	363.7	363.7	99.9	999.9	67.3	95.0
54.3	108.8	13690.5	150.0	-54.1	-69.9	254.0	17.4	16.7	4.8	376.5	376.5	99.9	999.9	72.2	94.0
59.1	114.9	14850.8	125.0	-57.3	-69.9	264.9	17.8	17.7	1.6	391.2	391.2	99.9	999.9	76.5	93.0
65.1	121.7	16265.9	100.0	-57.1	-69.9	99.9	99.9	99.9	99.9	417.5	417.5	99.9	999.9	82.0	93.0
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

26 APRIL 1979
067 GMT

TIME A.M.	CHTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB PT DG K	E POT S DG K	WX RTO GM/KG	RH PCY	RANGE KM	AZ DG
00.0	9.6	448.0	561.8	5.0	1.7	270.0	3.1	3.1	0.0	261.2	292.9	4.5	79.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.4	10.7	449.6	950.0	7.7	-0.7	335.2	5.8	2.1	-0.6	285.0	295.2	3.8	56.0	0.1	131.
1.3	13.1	765.7	925.0	-2	-3.8	352.4	7.3	1.0	-7.2	287.7	296.3	3.1	42.4	0.3	161.
2.1	15.4	995.6	900.0	7.1	-6.5	353.3	8.4	0.8	-8.3	288.2	296.1	2.6	37.3	0.7	169.
3.0	17.9	1426.4	675.0	5.4	-9.9	352.5	8.9	1.2	-8.8	289.4	295.2	2.1	32.1	1.2	171.
3.9	20.3	1462.6	650.0	3.8	-11.1	351.0	5.6	1.5	-9.5	290.2	295.7	1.9	32.7	1.6	171.
4.7	22.8	1704.4	625.0	2.4	-11.9	342.6	12.3	3.7	-11.7	291.1	296.5	1.9	33.8	2.2	171.
5.6	25.3	1922.9	800.0	1.5	-5.0	328.8	15.8	8.2	-13.5	292.7	301.9	3.3	62.0	2.9	167.
6.7	27.9	2207.9	775.0	-0.3	-5.5	321.4	16.3	11.4	-14.3	293.5	302.7	3.3	67.8	3.9	160.
7.6	30.4	2469.6	750.0	-2.3	-8.2	320.1	20.4	13.1	-15.6	294.1	301.7	2.7	63.5	5.0	156.
8.6	33.1	2738.0	725.0	-4.3	-8.9	317.1	21.6	14.7	-15.8	294.8	302.4	2.7	70.2	6.2	153.
9.6	35.8	3014.1	700.0	-5.1	-18.4	315.1	22.3	15.7	-15.8	296.8	300.7	1.3	35.3	7.5	150.
10.7	39.6	3255.4	675.0	-6.1	-22.9	312.2	21.6	16.0	-14.5	298.2	301.6	0.9	24.9	8.9	147.
11.7	41.3	3594.1	650.0	-7.5	-27.2	305.5	19.9	16.0	-11.8	300.5	302.5	0.6	18.9	10.1	145.
12.8	44.1	3858.3	625.0	-5.3	-30.5	303.0	19.2	16.1	-10.5	301.8	303.3	0.5	15.6	11.3	143.
14.0	46.9	4213.0	600.0	-10.9	-25.4	300.1	19.7	17.1	-8.9	303.5	304.5	0.3	11.1	12.5	141.
15.1	49.9	4538.3	575.0	-13.4	-37.5	296.9	19.2	17.4	-8.1	304.3	305.2	0.3	11.0	13.8	139.
16.3	52.9	4875.1	550.0	-15.6	-38.7	293.1	19.3	18.6	-6.0	305.6	306.5	0.2	11.6	15.1	136.
17.6	55.9	5224.1	525.0	-18.5	-40.9	289.4	19.2	18.7	-4.1	306.2	306.9	0.2	11.9	16.3	133.
18.9	59.1	5585.9	500.0	-21.6	-43.1	282.0	20.4	19.9	-4.2	306.7	307.3	0.2	12.2	17.7	130.
20.3	62.4	5961.8	475.0	-24.5	-45.2	285.7	22.4	21.5	-0.1	307.7	308.2	0.1	12.5	19.3	129.
21.7	65.7	6353.7	450.0	-29.8	-59.9	289.2	20.3	19.2	-0.7	309.2	309.9	99.9	999.9	21.0	126.
23.1	69.1	6763.0	425.0	-30.5	99.9	285.2	18.6	17.9	-5.2	309.5	309.9	99.9	999.9	22.4	125.
24.5	72.7	7190.6	400.0	-33.9	99.9	289.4	17.6	16.6	-5.8	310.5	309.9	99.9	999.9	23.9	124.
26.1	76.4	7640.1	375.0	-37.0	99.9	303.9	17.2	14.3	-9.6	312.7	309.9	99.9	999.9	25.5	123.
27.7	80.3	8113.7	350.0	-40.5	99.9	308.3	17.5	13.8	-10.9	314.1	309.9	99.9	999.9	27.2	124.
29.3	84.2	8615.5	325.0	-43.4	99.9	289.0	17.0	16.0	-5.5	316.5	309.9	99.9	999.9	28.9	124.
31.3	88.5	9150.4	300.0	-45.9	99.9	272.1	20.8	20.8	-0.8	320.7	309.9	99.9	999.9	30.7	122.
33.2	92.8	9728.3	275.0	-47.1	99.9	275.5	26.5	26.4	-1.2	327.6	309.9	99.9	999.9	33.2	119.
35.4	97.6	10356.6	250.0	-48.2	99.9	274.6	27.8	27.8	-2.3	334.	309.9	99.9	999.9	36.5	117.
37.6	102.4	11049.6	225.0	-50.2	99.9	274.6	26.3	28.2	-2.3	341.6	309.9	99.9	999.9	40.3	115.
40.5	107.9	11817.9	200.0	-50.6	99.9	272.4	23.3	23.3	-1.0	352.6	309.9	99.9	999.9	44.2	113.
43.5	113.8	12682.0	175.0	-53.2	99.9	271.1	22.4	22.4	-0.4	362.1	309.9	99.9	999.9	48.0	111.
46.8	120.0	13074.6	150.0	-52.2	99.9	275.9	19.0	18.9	-2.0	378.5	309.9	99.9	999.9	52.1	110.
50.5	127.0	14844.3	125.0	-55.1	99.9	266.2	15.6	15.6	1.0	395.3	309.9	99.9	999.9	55.3	108.
54.6	134.7	16269.2	100.0	-56.5	99.9	959.9	99.9	99.9	99.9	418.7	309.9	99.9	999.9	58.8	106.
59.0	95.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS
26 APRIL 1979
1107 GMT

TIME MIN	CNTCT	HEIGHT CPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT H DG M	E POT V DG K	WZ RTO GM/KG	RM PCT	RANGE KM	AZ DG
3.0	11.5	480.0	501.9	3.9	1.6	260.0	3.1	3.1	0.5	280.2	291.7	4.5	85.0	0.0	0.
9.0	11.9	509.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	509.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	11.6	550.4	950.0	8.1	-2.1	285.7	6.8	6.5	-1.8	285.4	294.7	1.9	48.5	0.0	96.
1.2	14.0	770.7	925.0	8.6	-8.2	315.4	4.4	3.1	-3.2	288.1	296.4	1.4	48.5	0.0	96.
2.1	16.5	956.8	900.0	7.0	-4.5	342.3	4.7	1.4	-4.4	288.8	297.1	3.0	43.6	0.4	132.
3.0	19.9	1227.7	875.0	5.5	-5.6	338.6	6.0	2.2	-5.6	289.5	297.5	2.9	44.4	0.7	144.
3.9	21.4	1466.1	850.0	4.6	-8.2	339.4	7.8	2.7	-7.1	290.3	297.2	2.4	40.5	1.0	148.
4.8	23.9	1706.2	825.0	2.8	-8.4	334.5	12.2	5.2	-11.0	291.6	299.6	2.9	50.6	1.5	152.
5.6	26.6	1954.7	800.0	1.3	-6.1	326.1	14.1	7.9	-11.7	292.6	301.0	3.0	57.9	2.2	151.
6.6	29.1	2208.3	775.0	-0.8	-6.8	321.3	15.5	9.7	-12.1	293.0	301.3	3.0	63.5	3.1	149.
7.5	31.7	2470.2	750.0	-3.1	-8.9	320.4	15.7	10.0	-12.1	293.3	300.6	2.6	63.9	4.0	147.
9.5	34.3	2731.6	725.0	-5.3	-10.5	320.7	15.6	9.9	-12.1	293.2	300.2	2.4	67.9	4.8	146.
9.4	37.0	3011.9	700.0	-7.4	-14.8	321.5	16.6	10.3	-13.0	294.3	299.4	1.7	55.2	5.7	145.
12.4	42.5	3582.7	650.0	-8.0	-17.8	322.2	19.3	11.8	-15.2	296.7	300.9	1.4	45.3	6.8	145.
11.4	45.4	3900.0	625.0	-5.4	-18.1	320.5	22.5	14.3	-17.4	298.3	302.5	1.4	48.8	8.1	144.
13.6	49.3	4263.8	600.0	-10.6	-27.5	315.0	25.5	16.6	-16.6	300.3	302.5	0.7	25.7	9.5	143.
14.6	51.3	4525.2	575.0	-11.2	-34.9	306.9	28.2	16.6	-12.5	303.1	304.2	0.3	12.0	11.0	142.
15.8	54.3	4856.1	550.0	-15.1	-23.7	304.2	18.5	15.3	-10.4	304.1	307.2	1.0	42.0	12.2	140.
16.9	57.4	5216.3	525.0	-17.3	-28.2	301.6	18.6	15.8	-9.7	306.2	308.4	0.7	31.6	13.4	138.
17.1	60.5	5580.1	500.0	-19.8	-31.8	298.5	18.5	16.2	-8.8	307.2	309.3	0.5	27.3	14.6	137.
17.3	63.8	5958.5	475.0	-22.7	-33.9	302.6	17.3	14.4	-9.6	308.4	310.9	0.6	38.4	15.9	135.
20.7	67.1	6353.0	450.0	-25.4	-37.5	302.7	16.5	13.9	-8.9	311.2	312.4	0.3	31.0	18.4	134.
21.0	70.5	6765.6	425.0	-28.2	-41.3	304.4	16.8	13.7	-9.4	312.5	313.7	0.2	26.8	19.8	133.
23.5	74.1	7138.9	400.0	-37.4	-44.8	305.6	15.1	11.3	-9.4	312.5	313.7	0.2	27.6	21.2	132.
27.0	77.8	7649.1	375.0	-35.3	-49.9	309.3	14.8	11.5	-9.4	314.8	315.3	0.1	20.5	22.6	132.
25.7	81.7	8125.6	350.0	-39.5	-52.7	311.6	12.8	8.9	-7.9	315.2	315.8	0.1	22.8	25.1	132.
27.4	85.7	8628.9	325.0	-43.2	-58.9	309.9	13.6	10.4	-8.7	317.2	317.2	99.9	99.9	25.1	132.
31.0	89.8	9162.7	300.0	-47.7	-64.9	311.3	15.1	11.3	-9.9	318.1	318.1	99.9	99.9	26.6	132.
31.9	93.8	10350.6	275.0	-50.7	-69.9	301.8	18.6	15.8	-9.8	321.2	321.2	99.9	99.9	28.4	132.
34.0	103.9	11030.9	225.0	-51.9	-74.9	295.3	23.3	21.1	-10.0	329.2	329.2	99.9	99.9	30.9	131.
34.4	107.0	11798.2	200.0	-51.6	-74.9	284.5	22.1	21.4	-5.5	339.1	339.1	99.9	99.9	33.6	129.
40.8	114.8	12561.2	175.0	-52.9	-74.9	277.9	22.3	22.0	-3.1	352.2	352.2	99.9	99.9	36.4	126.
43.9	121.3	13653.1	150.0	-54.1	-74.9	278.0	20.9	20.7	-2.9	376.9	376.9	99.9	99.9	39.4	124.
47.1	129.3	14820.3	125.0	-54.6	-74.9	271.6	17.6	17.6	-0.5	396.1	396.1	99.9	99.9	43.0	122.
51.1	133.3	16252.5	100.0	-55.7	-74.9	269.9	99.9	99.9	99.9	420.1	420.1	99.9	99.9	46.0	120.
99.9	99.9	99.9	75.0	-59.9	-74.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-55.8	-74.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-74.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

25 APRIL 1976
1105 GMT

125 107. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DEG
0.0	8.5	214.0	961.6	16.1	14.1	180.0	2.6	0.0	2.6	299.2	317.6	10.4	88.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.1	271.9	975.0	19.3	12.2	99.9	99.9	95.9	99.9	294.6	319.0	9.2	63.5	999.9	999.9
1.4	11.4	456.7	950.0	21.6	13.5	99.9	99.9	99.9	99.9	299.1	326.0	10.3	60.0	999.9	999.9
2.4	13.7	727.7	925.0	19.9	12.8	190.6	23.6	4.3	23.2	299.7	326.0	10.1	63.4	1.1	9.
3.4	16.1	964.0	900.0	15.3	10.7	185.2	18.3	4.8	17.7	301.4	326.0	9.0	57.3	2.9	11.
4.5	19.5	1207.9	875.0	20.7	10.3	203.2	12.3	4.9	11.5	305.3	335.3	11.0	61.4	3.6	13.
5.4	21.0	1457.4	850.0	19.6	7.2	214.7	12.3	7.0	10.1	306.7	314.6	2.6	15.6	4.3	15.
6.4	23.4	1713.7	825.0	18.5	2.1	223.0	13.1	6.8	9.8	308.1	323.7	5.4	33.5	5.0	19.
7.3	26.9	1976.1	800.0	16.1	0.7	223.5	13.9	9.6	10.1	308.3	323.0	4.9	35.2	5.7	22.
8.4	29.5	2246.8	775.0	13.3	-0.3	221.9	11.9	7.9	8.6	308.2	322.2	4.9	39.1	6.5	25.
9.9	31.1	2515.3	750.0	10.7	-1.4	999.9	99.9	99.9	99.9	309.1	321.7	4.6	42.8	7.4	26.
11.1	33.7	2800.9	725.0	8.8	-0.8	999.9	99.9	99.9	99.9	309.8	323.1	4.5	51.6	999.9	999.9
12.0	36.3	3095.3	700.0	6.6	-2.6	999.9	99.9	99.9	99.9	309.8	323.1	4.5	51.6	999.9	999.9
13.2	39.1	3387.9	675.0	3.7	-0.7	999.9	99.9	99.9	99.9	309.8	323.1	4.5	51.6	999.9	999.9
14.4	41.9	3693.9	650.0	1.5	0.1	999.9	99.9	99.9	99.9	310.2	327.9	6.0	90.7	999.9	999.9
15.8	44.6	4008.4	625.0	-1.7	-5.9	999.9	99.9	99.9	99.9	310.2	327.9	6.0	90.7	999.9	999.9
17.5	47.4	4332.1	600.0	-4.4	-5.4	999.9	99.9	99.9	99.9	311.0	322.2	4.0	73.1	999.9	999.9
19.7	50.4	4666.5	575.0	-6.5	-8.0	268.3	9.5	9.4	-1.4	312.4	323.6	4.3	93.2	999.9	999.9
21.6	53.3	5013.7	550.0	-8.0	-8.0	268.3	9.7	9.7	-0.7	315.9	326.1	3.8	99.5	9.3	38.
23.6	56.3	5374.3	525.0	-10.4	-10.5	273.9	9.7	11.0	0.5	317.6	326.3	2.8	96.5	10.2	45.
25.1	59.4	5748.9	500.0	-12.7	-13.1	267.2	11.0	13.5	1.2	318.1	324.7	2.1	92.0	10.9	48.
27.1	62.6	6138.5	475.0	-16.1	-17.1	264.9	13.6	14.5	-0.6	319.4	324.8	1.7	89.7	12.0	52.
29.9	65.9	6543.8	450.0	-19.0	-20.3	272.6	14.5	11.9	-1.7	320.3	324.4	1.3	85.2	12.7	55.
32.4	69.3	6967.1	425.0	-22.4	-24.2	278.1	12.1	9.1	3.0	321.7	324.9	1.0	81.0	13.6	58.
34.9	72.9	7408.7	400.0	-25.6	-27.9	251.5	8.8	9.1	3.0	321.7	324.9	0.7	76.2	14.5	58.
37.4	76.5	7874.5	375.0	-28.8	-31.7	241.1	11.2	9.8	5.4	323.9	325.9	0.5	74.0	15.4	59.
39.7	80.1	8364.5	350.0	-33.5	-36.5	275.6	20.7	20.6	-2.0	323.6	325.2	0.3	67.8	17.3	67.
42.5	84.2	8878.4	325.0	-38.2	-42.8	284.5	24.2	23.5	-6.1	322.7	323.7	0.3	67.8	17.3	67.
45.4	88.3	9422.0	300.0	-43.6	-48.9	270.5	13.3	13.3	-0.1	323.9	323.9	99.9	999.9	19.8	71.
48.3	92.7	10000.5	275.0	-48.8	-54.8	99.9	265.7	12.2	0.9	324.6	324.6	99.9	999.9	21.9	72.
50.4	97.2	10618.6	250.0	-54.8	-60.8	99.9	265.3	10.6	0.9	324.6	324.6	99.9	999.9	23.4	73.
52.4	102.2	11244.2	225.0	-59.8	-65.8	99.9	278.0	8.7	6.6	327.3	327.3	99.9	999.9	24.4	74.
54.0	107.4	12006.5	200.0	-64.0	-70.9	999.9	99.9	99.9	-0.9	328.3	328.3	99.9	999.9	25.5	75.
56.2	113.0	12820.8	175.0	-68.2	-75.9	999.9	99.9	99.9	99.9	328.3	328.3	99.9	999.9	26.5	77.
58.6	119.3	13766.9	150.0	-73.2	-80.9	999.9	99.9	99.9	99.9	328.3	328.3	99.9	999.9	27.5	77.
61.4	124.3	14888.8	125.0	-78.0	-85.9	99.9	99.9	99.9	99.9	328.3	328.3	99.9	999.9	28.5	77.
64.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
67.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

25 APRIL 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	POT T DEG K	MX RTO CM/RG	RM PCY	RANGE KM	AZ DEG
0.0	7.0	214.0	581.6	20.4	15.4	180.0	3.1	0.0	3.1	295.1	324.8	11.3	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	7.6	272.5	575.0	20.2	15.3	182.0	4.5	0.2	4.5	295.2	325.2	11.3	73.3	0.1	23.
1.3	9.7	466.9	950.0	19.9	15.6	191.5	5.1	1.0	5.0	297.4	325.0	10.4	67.2	0.4	19.
2.2	11.8	728.6	925.0	22.3	13.2	199.8	5.8	2.0	5.4	302.2	330.5	10.4	56.4	0.7	18.
3.2	14.1	966.7	900.0	20.7	11.3	201.6	6.1	2.3	5.7	302.2	328.6	9.4	55.0	1.0	20.
4.1	16.3	1210.1	875.0	21.0	-5.1	196.1	5.5	1.5	5.2	305.7	314.5	3.0	16.9	1.4	20.
5.0	18.5	1460.2	650.0	19.0	3.8	187.7	5.9	0.8	5.8	306.7	323.7	6.0	35.2	1.7	18.
5.9	20.8	1715.9	625.0	17.0	3.7	999.9	99.9	99.9	99.9	306.5	323.8	6.1	41.1	99.9	99.9
6.8	23.1	1977.4	600.0	15.1	3.2	999.9	99.9	99.9	99.9	307.2	324.5	6.1	45.0	99.9	99.9
7.9	25.5	2245.0	775.0	13.5	1.7	999.9	99.9	99.9	99.9	308.3	324.5	5.6	44.9	99.9	99.9
9.1	27.7	2521.0	750.0	11.2	0.5	999.9	99.9	99.9	99.9	308.6	324.1	5.3	47.5	99.9	99.9
10.0	30.1	2805.2	725.0	9.1	0.4	999.9	99.9	99.9	99.9	309.4	325.4	5.5	55.3	99.9	99.9
11.2	32.6	3092.8	700.0	6.2	-1.1	999.9	99.9	99.9	99.9	309.4	324.2	5.1	59.4	99.9	99.9
12.3	35.0	3390.7	675.0	5.5	-0.3	999.9	99.9	99.9	99.9	311.6	322.4	3.5	42.0	99.9	99.9
13.4	37.6	3658.3	650.0	3.2	-0.5	999.9	99.9	99.9	99.9	312.6	321.3	2.9	38.8	99.9	99.9
14.5	40.1	4014.6	625.0	0.2	-10.5	999.9	99.9	99.9	99.9	312.7	321.1	2.7	44.1	99.9	99.9
15.6	42.7	4340.4	600.0	-2.8	-11.1	999.9	99.9	99.9	99.9	312.8	321.2	2.7	52.8	99.9	99.9
16.3	45.4	4675.8	575.0	-6.1	-13.4	999.9	99.9	99.9	99.9	312.9	320.2	2.4	56.2	99.9	99.9
17.0	48.1	5022.3	550.0	-6.7	-17.0	999.9	99.9	99.9	99.9	313.7	319.5	1.8	50.9	99.9	99.9
17.4	51.0	5361.4	525.0	-11.0	-21.3	999.9	99.9	99.9	99.9	315.2	319.5	1.3	42.1	99.9	99.9
20.7	53.9	5754.2	500.0	-14.2	-23.5	999.9	99.9	99.9	99.9	315.7	319.5	1.1	45.0	99.9	99.9
21.1	56.8	6141.2	475.0	-16.7	-26.6	999.9	99.9	99.9	99.9	317.2	320.3	0.9	42.0	99.9	99.9
21.6	59.8	6545.1	450.0	-20.0	-29.8	999.9	99.9	99.9	99.9	318.2	320.6	0.7	41.0	99.9	99.9
22.8	62.9	6950.7	425.0	-22.5	-31.8	999.9	99.9	99.9	99.9	320.2	322.3	0.6	42.0	99.9	99.9
23.2	65.1	7405.4	400.0	-25.4	-38.7	999.9	99.9	99.9	99.9	322.0	323.1	0.3	27.5	99.9	99.9
23.8	69.4	7875.2	375.0	-28.3	-4.1	999.9	99.9	99.9	99.9	324.1	324.6	0.1	14.5	99.9	99.9
24.8	72.9	8369.7	350.0	-32.6	-49.3	999.9	99.9	99.9	99.9	324.7	325.2	0.1	17.0	99.9	99.9
21.5	76.4	8882.1	325.0	-37.7	-52.8	999.9	99.9	99.9	99.9	324.7	325.1	0.1	18.7	99.9	99.9
31.3	83.2	9426.0	300.0	-42.8	59.9	999.9	99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9
31.2	84.1	10008.4	275.0	-48.1	99.9	999.9	99.9	99.9	99.9	325.6	99.9	99.9	99.9	99.9	99.9
37.4	89.2	10628.8	250.0	-54.0	99.9	999.9	99.9	99.9	99.9	325.8	99.9	99.9	99.9	99.9	99.9
37.7	92.6	11252.1	225.0	-59.7	99.9	999.9	99.9	99.9	99.9	326.1	99.9	99.9	99.9	99.9	99.9
42.0	97.2	12021.5	200.0	-65.4	99.9	999.9	99.9	99.9	99.9	329.3	99.9	99.9	99.9	99.9	99.9
43.0	102.4	12841.2	175.0	-61.9	99.9	999.9	99.9	99.9	99.9	347.7	99.9	99.9	99.9	99.9	99.9
43.4	109.0	13793.2	150.0	-62.1	99.9	999.9	99.9	99.9	99.9	363.1	99.9	99.9	99.9	99.9	99.9
52.2	114.0	14919.6	125.0	-61.6	99.9	999.9	99.9	99.9	99.9	363.6	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

28 APRIL 1979
1705 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

130 100. 1

TIME MIN	CNTCT	HEIGHT GM	PRFS MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T CG K	MX RTO GMS	RM PCT	RANGE KM	AZ DG
3.0	8.9	214.0	500.0	26.8	15.2	180.0	5.1	0.0	5.1	301.6	331.0	11.2	49.0	0.0	0.
9.9	99.9	1003.0	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	9.3	266.5	575.0	26.1	17.8	590.9	99.9	99.9	99.9	201.2	337.1	13.3	60.3	999.0	999.0
3.6	11.9	466.8	550.0	22.3	14.6	999.9	99.9	99.9	99.9	200.8	329.9	11.3	62.5	999.0	999.0
1.4	14.3	726.7	525.0	21.0	14.6	999.9	99.9	99.9	99.9	300.8	331.5	11.4	64.9	999.0	999.0
2.5	16.7	924.6	900.0	21.7	13.1	182.4	10.8	0.4	10.8	303.9	333.0	10.7	66.3	1.4	21.
3.5	19.2	1208.7	875.0	20.4	11.0	186.0	11.9	1.4	11.6	305.0	331.2	9.5	68.7	2.1	15.
4.5	21.7	1458.6	850.0	18.7	8.3	196.7	12.1	3.5	11.6	305.8	328.4	8.1	70.6	2.8	16.
5.5	24.2	1714.1	825.0	17.0	6.9	203.8	13.1	5.7	11.8	306.6	327.9	7.6	72.9	3.6	16.
6.7	26.7	1976.2	800.0	15.6	5.1	213.2	14.4	7.9	12.1	307.6	325.0	6.0	75.2	4.8	19.
7.7	29.3	2245.1	775.0	14.2	3.6	222.0	14.1	9.4	10.5	309.1	323.2	5.6	77.5	6.1	22.
8.8	32.0	2521.1	750.0	12.8	1.7	236.9	12.2	10.2	6.7	310.4	327.3	5.0	79.8	7.3	25.
9.9	34.7	2805.3	725.0	11.1	-3.3	252.9	11.8	11.3	3.5	311.7	324.0	4.1	82.1	8.6	29.
11.0	37.3	3057.0	700.0	8.7	-6.6	255.5	10.3	9.9	2.6	312.2	322.2	3.3	84.4	9.9	34.
12.1	40.1	3356.3	675.0	5.8	-8.4	258.1	9.2	6.9	2.2	312.3	321.3	3.0	86.7	11.2	37.
13.2	42.9	3703.8	650.0	3.2	-10.2	257.4	10.2	10.0	2.2	312.6	320.9	2.7	89.0	13.5	40.
14.3	45.9	4020.1	625.0	0.1	-11.8	258.4	10.1	9.9	1.0	312.2	320.1	2.5	91.3	15.8	42.
15.3	48.7	4345.2	600.0	-3.8	-14.1	264.0	10.0	9.9	1.0	311.6	319.4	2.1	93.6	18.1	45.
16.4	51.7	4678.3	575.0	-7.0	-16.6	269.8	10.2	10.2	0.6	311.6	318.4	2.1	95.9	20.4	48.
17.6	54.6	5026.1	550.0	-10.1	-18.9	271.5	10.1	10.1	-0.3	312.1	318.3	2.0	98.2	22.7	51.
18.1	57.9	5381.0	525.0	-12.6	-21.0	267.4	13.0	13.0	0.6	313.3	318.4	1.6	100.5	25.0	53.
19.5	61.0	5752.0	500.0	-15.0	-24.0	265.9	15.4	15.3	1.1	315.7	318.3	1.1	102.8	27.3	57.
20.0	64.3	6132.6	475.0	-16.5	-25.3	269.1	15.8	15.8	0.2	317.2	320.9	1.0	105.1	29.6	59.
21.6	67.6	6544.5	450.0	-18.0	-27.0	274.4	16.9	16.8	-1.3	319.8	322.9	0.9	107.4	31.9	63.
23.1	71.1	6968.3	425.0	-21.0	-31.5	281.7	16.9	16.5	-3.4	322.0	324.2	0.6	109.7	34.2	66.
24.7	74.7	7412.9	400.0	-24.8	-39.4	294.7	15.9	14.4	-6.6	325.7	323.9	0.3	112.0	36.5	69.
26.3	78.4	7876.8	375.0	-28.9	-39.5	293.9	14.9	13.7	-6.0	325.3	323.5	0.3	114.3	38.8	73.
30.2	82.2	8365.9	350.0	-31.7	-41.2	290.8	9.6	9.4	-1.8	325.8	327.1	0.3	116.6	41.1	75.
31.1	85.2	8686.0	325.0	-36.6	-46.8	273.6	7.7	7.7	-0.5	326.2	328.0	0.2	118.9	43.4	78.
34.1	90.5	9437.9	300.0	-41.3	99.9	268.1	7.5	7.5	0.2	327.1	329.9	0.2	121.2	45.7	82.
37.1	94.8	10021.4	275.0	-46.8	99.9	264.3	6.7	6.7	0.9	327.4	329.9	0.2	123.5	48.0	85.
38.3	97.6	10645.7	250.0	-52.5	99.9	248.6	9.4	6.4	3.3	327.1	329.9	0.2	125.8	50.3	89.
40.5	104.5	11316.0	225.0	-56.2	99.9	223.5	12.9	8.9	9.3	325.4	329.9	0.2	128.1	52.6	93.
41.0	109.8	12048.6	200.0	-64.1	99.9	259.6	16.8	16.6	3.0	331.2	329.9	0.2	130.4	54.9	97.
46.0	115.5	12875.7	175.0	-60.2	99.9	292.2	21.5	19.9	-8.1	350.3	329.9	0.2	132.7	57.2	101.
49.1	122.0	13634.8	150.0	-60.8	99.9	999.9	99.9	99.9	99.9	365.2	329.9	0.2	135.0	59.5	105.
52.9	127.0	14965.1	125.0	-60.6	99.9	999.9	99.9	99.9	99.9	385.2	329.9	0.2	137.3	61.8	109.
57.6	137.0	16353.3	100.0	-60.6	99.9	999.9	99.9	99.9	99.9	410.6	329.9	0.2	139.6	64.1	113.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7 DURANT, OKLAHMA														129 100. 0			
25 APRIL 1979																	
2005 GAT																	
TIME	CMTCY	WEIGHT	PRES	TEMP	DEB PT	DIR	SPEED	W COMP	V COMP	POT T	8 POT T	MX RTO	RH	RANGE	AZ		
MIN		GPW	MB	DC C	DC C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PCT	KM	DEG		
0.0	7.7	214.0	579.0	28.6	15.7	180.0	5.1	0.0	5.1	303.7	335.1	11.5	45.0	0.0	0.0		
99.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.1	6.2	257.5	975.0	26.1	10.2	213.7	6.5	4.7	7.0	301.4	333.7	12.0	54.6	0.3	47.0		
0.6	10.5	466.2	950.0	24.4	15.7	214.6	6.4	5.3	7.7	302.0	334.1	11.9	58.2	0.4	44.0		
1.4	12.9	718.5	925.0	22.2	15.0	213.1	10.1	5.5	8.4	302.0	333.5	11.7	63.9	0.8	40.0		
1.9	13.4	937.2	900.0	19.8	14.4	204.0	7.4	3.8	6.8	301.5	333.1	11.6	70.9	1.1	37.0		
2.5	17.8	1159.7	875.0	17.7	14.4	204.0	7.0	2.1	6.7	302.2	334.1	11.9	81.2	1.3	34.0		
3.1	20.3	1487.2	850.0	15.7	9.8	201.5	7.3	2.7	6.8	302.7	326.2	8.6	65.0	1.6	31.0		
4.1	22.8	1701.8	825.0	17.4	2.2	213.7	9.2	5.1	7.7	307.6	322.6	5.4	35.9	2.0	30.0		
5.1	25.3	1943.9	800.0	14.0	0.1	224.6	10.9	7.6	7.7	308.2	322.2	4.8	33.8	2.7	33.0		
6.1	27.9	2232.6	775.0	14.2	-2.9	232.3	12.5	9.9	7.6	309.1	320.8	4.8	30.4	3.3	36.0		
7.0	30.5	2505.6	750.0	13.0	-9.3	233.2	14.8	11.2	8.4	310.7	318.4	2.5	20.3	4.0	39.0		
8.0	33.2	2762.2	725.0	11.0	-11.5	241.9	12.8	11.3	6.0	311.6	318.3	2.2	19.2	4.8	42.0		
9.0	35.9	3083.4	700.0	8.6	-12.1	247.8	10.9	10.1	4.1	312.0	318.7	2.2	21.6	5.5	45.0		
10.1	38.6	3382.8	675.0	5.9	-10.9	247.7	9.9	9.2	3.8	312.2	319.9	2.5	28.8	6.1	47.0		
11.2	41.4	3690.2	650.0	3.1	-12.2	254.3	6.4	9.0	2.0	313.1	318.9	2.3	31.4	6.7	50.0		
12.5	44.2	4006.3	625.0	0.6	-13.4	258.6	10.0	9.9	2.0	313.1	318.9	1.8	28.8	7.3	52.0		
13.6	47.1	4332.0	600.0	-2.2	-13.6	261.0	9.9	9.8	1.6	313.6	320.5	2.2	41.2	8.0	54.0		
14.9	50.1	4667.9	575.0	-5.7	-15.3	264.2	10.3	10.3	1.0	313.4	319.7	2.0	46.2	8.7	57.0		
16.2	53.1	5014.9	550.0	-8.0	-16.6	279.3	11.5	11.4	-1.9	314.6	319.3	1.5	38.0	9.4	60.0		
17.6	56.3	5375.0	525.0	-10.2	-22.7	290.7	12.7	12.4	-3.9	316.2	320.0	1.2	34.8	10.0	64.0		
18.9	59.4	5749.1	500.0	-12.7	-25.9	280.7	12.7	12.4	-2.3	317.2	320.6	0.9	32.1	10.7	67.0		
20.2	62.6	6138.7	475.0	-15.4	-26.7	275.5	13.3	13.2	-1.3	318.9	321.9	0.9	37.4	11.7	70.0		
21.8	66.0	6546.1	450.0	-18.5	-32.1	277.4	12.0	11.9	-1.5	320.0	322.0	0.6	28.9	12.7	72.0		
23.4	69.4	6965.2	425.0	-21.9	-41.9	290.2	11.8	11.0	-4.1	320.6	321.7	0.2	14.3	13.7	74.0		
25.0	73.0	7410.9	400.0	-25.8	-43.3	300.4	14.0	12.1	-7.1	321.4	322.2	0.2	17.1	14.6	77.0		
26.4	76.7	7874.8	375.0	-29.7	-30.4	293.7	14.8	13.5	-5.9	322.4	323.5	0.3	37.8	15.6	81.0		
28.5	80.5	8362.6	350.0	-33.9	-45.6	292.5	12.1	11.2	-4.6	323.0	323.7	0.2	29.2	17.1	84.0		
30.5	84.5	8877.4	325.0	-38.3	-50.8	289.9	9.6	9.0	-3.3	323.6	324.3	0.1	25.2	18.1	85.0		
32.5	89.7	9422.4	300.0	-42.9	99.9	283.0	10.5	10.3	-2.4	324.5	324.9	99.9	99.9	19.3	87.0		
34.6	93.0	10002.3	275.0	-47.8	99.9	275.6	12.6	12.6	-1.2	326.1	326.1	99.9	99.9	20.6	88.0		
37.9	97.8	10623.3	250.0	-53.5	99.9	274.0	14.8	14.7	-1.0	328.6	328.6	99.9	99.9	22.6	88.0		
40.9	102.8	11292.6	225.0	-58.6	99.9	299.9	99.9	99.9	99.9	328.7	328.7	99.9	99.9	99.9	99.9		
43.6	109.0	12030.5	200.0	-60.5	99.9	299.9	99.9	99.9	99.9	337.0	337.0	99.9	99.9	99.9	99.9		
46.6	113.8	12658.8	175.0	-62.8	99.9	299.9	99.9	99.9	99.9	346.4	346.4	99.9	99.9	99.9	99.9		
49.6	120.0	13819.4	150.0	-68.8	99.9	299.9	99.9	99.9	99.9	355.3	355.3	99.9	99.9	99.9	99.9		
51.4	127.0	14933.8	125.0	-62.3	99.9	299.9	99.9	99.9	99.9	362.2	362.2	99.9	99.9	99.9	99.9		
54.0	135.0	16330.1	100.0	-58.7	99.9	299.9	99.9	99.9	99.9	414.3	414.3	99.9	99.9	99.9	99.9		
57.9	99.9	99.9	75.0	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	50.0	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA
25 APRIL 1978
2301 GWT

TIME MIN	CNTCT	HEIGHT GPN	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MAX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	219.0	580.0	28.8	16.4	360.0	8.0	0.0	0.0	303.7	336.4	12.1	47.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	7.4	259.6	975.0	27.9	16.9	318.7	3.8	2.5	-2.8	303.3	337.1	12.5	51.3	0.1	35.
0.8	9.5	425.4	950.0	25.5	17.1	250.6	6.8	4.4	2.2	303.1	338.3	13.1	59.8	0.3	83.
1.5	11.7	723.7	925.0	23.3	16.0	231.5	5.0	3.9	3.1	303.1	338.8	12.5	63.7	0.5	73.
2.2	13.9	962.2	900.0	20.5	14.8	233.3	5.8	6.7	3.5	302.7	334.9	11.9	69.6	0.7	66.
3.1	16.1	1205.3	875.0	18.3	14.3	239.6	7.2	6.2	3.6	302.8	334.8	11.8	77.4	1.1	62.
4.1	19.4	1453.8	850.0	16.4	13.0	249.8	8.5	8.0	3.0	303.3	333.7	11.2	80.6	1.6	63.
5.2	20.6	1707.6	825.0	14.1	12.3	255.4	7.9	7.6	2.0	303.6	333.5	11.0	88.6	2.1	66.
6.1	22.9	1966.9	800.0	11.7	10.0	246.8	7.1	6.5	2.8	303.6	333.3	9.7	89.6	2.5	67.
7.0	25.3	2232.4	775.0	10.6	1.0	242.3	7.2	6.3	3.3	305.2	321.1	5.6	54.5	2.9	67.
8.0	27.5	2506.4	750.0	12.0	-9.6	254.0	8.0	7.7	1.2	309.6	317.1	2.5	21.1	3.3	68.
9.0	29.9	2789.2	725.0	18.1	-9.8	260.4	9.0	8.8	1.9	310.7	318.3	2.5	23.2	3.8	68.
10.0	32.3	3088.1	700.0	8.5	-10.6	257.0	8.9	8.6	2.0	311.9	319.4	2.4	24.6	4.4	70.
11.1	34.8	3388.0	675.0	6.7	-7.7	251.1	8.6	8.1	2.8	313.1	324.3	3.8	28.0	4.9	70.
12.3	37.3	3688.2	650.0	3.9	-13.2	251.4	8.9	8.4	2.8	313.4	320.1	2.1	27.3	5.6	70.
13.5	39.8	4005.4	625.0	1.2	-12.5	260.4	9.3	9.2	1.5	313.2	321.4	2.3	35.1	6.2	71.
14.7	42.5	4332.5	600.0	-1.6	-13.4	265.8	9.3	9.2	0.7	314.3	321.7	2.2	46.8	7.5	73.
15.9	45.1	4655.6	575.0	-4.5	-13.1	270.1	10.5	10.5	-0.1	314.7	321.7	2.2	46.8	8.2	75.
17.1	47.9	5017.7	550.0	-7.4	-17.3	276.1	10.2	10.2	-1.1	315.2	321.0	1.4	35.6	8.9	75.
18.3	50.7	5388.0	525.0	-8.3	-20.8	292.9	11.0	10.1	-4.3	318.4	322.9	1.4	35.6	9.5	81.
19.6	53.5	5756.9	500.0	-11.1	-17.6	299.1	9.0	7.9	-4.4	319.2	326.3	2.1	23.2	10.2	83.
21.1	56.4	6148.2	475.0	-14.4	-30.9	292.6	10.2	9.4	-3.9	320.2	322.3	0.6	21.9	11.0	86.
22.5	59.5	6556.1	450.0	-17.0	-33.6	289.3	12.1	11.4	-4.0	321.5	323.6	0.5	10.9	12.2	88.
24.0	62.6	6982.9	425.0	-19.5	-42.4	290.9	15.2	14.2	-5.4	324.0	325.0	0.2	13.2	13.5	91.
25.5	65.9	7459.7	400.0	-23.6	-48.0	295.8	15.3	13.8	-6.7	324.2	325.0	0.2	16.5	14.9	93.
27.3	69.1	7857.2	375.0	-28.1	-45.8	296.5	16.2	14.5	-7.2	324.4	325.0	0.1	19.7	16.7	96.
29.0	72.6	8387.2	350.0	-32.9	-48.2	293.5	19.0	17.4	-7.0	324.5	326.6	0.1	27.6	18.8	98.
31.0	76.1	8905.0	325.0	-36.7	-48.7	288.4	22.3	21.2	-10.9	326.0	326.6	99.9	99.9	21.8	99.
33.0	79.8	9453.9	300.0	-41.5	99.9	295.1	25.7	23.3	-8.2	326.8	999.9	99.9	99.9	24.9	101.
35.1	83.7	10038.1	275.0	-46.7	99.9	291.2	22.5	21.0	-9.0	327.6	999.9	99.9	99.9	27.4	103.
37.3	87.8	10662.7	250.0	-51.9	99.9	293.9	22.3	20.4	-8.8	328.5	999.9	99.9	99.9	31.1	103.
39.7	92.2	11336.0	225.0	-58.1	99.9	299.0	27.1	25.1	-14.7	335.2	999.9	99.9	99.9	35.6	104.
42.3	96.8	12078.7	200.0	-61.4	99.9	294.9	35.0	31.7	-10.6	344.5	999.9	99.9	99.9	41.8	106.
44.9	101.8	12899.7	175.0	-63.7	97.9	300.4	38.8	33.4	-9.6	363.2	999.9	99.9	99.9	47.4	108.
47.0	107.4	13848.8	150.0	-62.1	97.9	293.9	23.7	21.7	-4.5	379.6	999.9	99.9	99.9	50.8	108.
51.4	113.5	14981.5	125.0	-63.8	99.9	287.9	14.7	13.9	99.9	413.7	999.9	99.9	99.9	999.9	999.9
56.1	120.5	16363.4	100.0	-59.1	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
95.9	93.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
OURANT, OKLAHOMA

26 APRIL 1979
205 GAT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT HT DEG M	E POT Y DEG K	RH RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.3	214.0	581.0	21.4	14.8	360.0	7.7	0.0	-7.7	296.2	324.9	10.9	66.0	127	102.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	6.8	267.3	575.0	21.2	14.6	340.1	13.9	4.7	-13.1	296.2	325.2	10.8	66.1	99.9	99.9
1.0	9.1	491.9	950.0	19.2	14.6	340.3	9.5	3.2	-8.9	296.7	326.0	11.1	74.4	0.1	112.0
1.9	11.4	722.0	925.0	18.6	15.5	331.3	3.8	1.8	-3.4	298.4	330.4	12.1	82.0	0.6	153.0
2.7	13.8	957.8	900.0	19.0	16.1	212.0	10.5	5.6	8.9	301.1	335.5	12.9	83.2	0.7	153.0
3.6	16.2	1200.3	875.0	17.6	15.8	262.9	17.0	16.9	2.1	302.0	337.1	13.1	89.5	1.1	111.0
4.5	19.5	1448.3	850.0	15.8	14.4	263.5	11.1	11.1	0.9	302.7	335.6	12.3	91.6	1.9	99.0
5.5	21.0	1702.2	825.0	14.7	12.9	263.5	8.4	8.3	0.1	304.2	335.4	11.5	89.0	2.4	97.0
6.5	23.5	1962.6	800.0	13.2	11.3	263.2	8.8	8.8	1.0	305.3	334.5	10.6	88.2	2.9	95.0
7.6	26.0	2238.0	775.0	13.3	6.7	538.9	99.9	99.9	99.9	308.2	330.8	9.4	64.3	99.9	99.9
8.6	29.6	2507.0	750.0	13.8	-5.4	999.9	99.9	99.9	99.9	311.5	321.8	8.4	26.0	99.9	99.9
9.5	31.2	2791.2	725.0	11.4	-7.2	999.9	99.9	99.9	99.9	311.5	321.8	7.4	26.5	99.9	99.9
10.5	33.8	3083.5	700.0	9.7	-7.9	270.9	10.6	10.6	-0.2	313.2	322.4	6.4	26.5	99.9	99.9
11.5	36.5	3384.0	675.0	7.1	-8.1	269.6	11.6	11.6	0.1	313.6	322.9	5.4	28.2	5.2	92.0
12.6	39.3	3692.8	650.0	4.5	-8.4	599.9	99.9	99.9	99.9	314.0	323.2	4.4	37.3	99.9	99.9
13.7	42.1	4010.6	625.0	1.2	-10.2	599.9	99.9	99.9	99.9	313.9	322.5	3.4	42.0	99.9	99.9
15.0	45.0	4337.2	600.0	-3.1	-12.7	599.9	99.9	99.9	99.9	312.5	319.9	2.4	47.4	99.9	99.9
17.3	50.9	4674.2	575.0	-7.9	-12.7	599.9	99.9	99.9	99.9	315.4	323.2	2.5	50.1	99.9	99.9
18.7	53.9	5023.7	550.0	-6.2	-11.8	599.9	99.9	99.9	99.9	316.2	323.1	2.0	46.1	99.9	99.9
20.0	57.0	5365.6	525.0	-7.3	-21.7	599.9	99.9	99.9	99.9	319.4	323.8	1.3	30.5	99.9	99.9
21.4	60.3	5765.3	500.0	-10.0	-25.4	599.9	99.9	99.9	99.9	320.9	324.1	1.0	26.8	99.9	99.9
22.8	63.6	6156.0	475.0	-12.9	-38.0	599.9	99.9	99.9	99.9	322.1	323.2	0.3	10.0	99.9	99.9
24.4	67.1	6567.9	450.0	-16.0	-42.2	599.9	99.9	99.9	99.9	322.9	323.8	0.2	8.8	99.9	99.9
25.9	70.7	7040.5	425.0	-20.4	-45.1	599.9	99.9	99.9	99.9	323.1	323.5	0.2	8.8	99.9	99.9
27.5	74.3	7507.5	400.0	-24.2	-44.2	599.9	99.9	99.9	99.9	323.9	324.2	0.2	13.7	99.9	99.9
29.3	78.1	8058.7	375.0	-28.0	-40.3	599.9	99.9	99.9	99.9	323.4	325.6	0.3	29.9	99.9	99.9
31.0	82.0	8717.8	350.0	-32.4	-40.1	599.9	99.9	99.9	99.9	325.0	326.2	0.3	45.8	99.9	99.9
32.9	85.2	9465.8	325.0	-36.6	-44.2	599.9	99.9	99.9	99.9	326.2	327.1	0.2	44.6	99.9	99.9
34.8	90.5	10049.7	300.0	-41.4	99.9	599.9	99.9	99.9	99.9	327.0	327.8	99.9	99.9	99.9	99.9
37.0	95.2	10674.4	275.0	-46.6	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
39.5	100.2	11347.3	250.0	-52.2	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
42.2	105.3	12093.0	225.0	-58.5	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
44.5	111.3	12904.0	200.0	-61.4	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
47.0	117.5	13852.1	175.0	-62.4	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
50.5	124.7	14975.0	150.0	-62.4	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
53.9	99.9	99.9	125.0	-62.4	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
57.0	99.9	99.9	100.0	99.9	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
60.0	99.9	99.9	75.0	99.9	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
63.0	99.9	99.9	50.0	99.9	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9
66.0	99.9	99.9	25.0	99.9	99.9	599.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
CURANT. CHLADDA
26 APRIL 1979
505 GMT

TIME MIN	CNCTP	HEIGHT GPM	PR'S MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.2	216.0	983.5	15.7	11.5	360.0	7.7	0.0	-7.7	290.2	312.9	5.7	76.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.0	268.0	975.0	17.1	12.0	999.9	99.9	99.9	99.9	292.4	316.2	9.1	71.9	999.9	99.9
1.0	11.4	509.5	950.0	15.3	11.9	999.9	99.9	99.9	99.9	292.7	317.0	9.3	80.1	999.9	99.9
1.7	13.6	735.5	925.0	13.2	11.5	999.9	99.9	99.9	99.9	292.2	317.0	9.3	89.5	999.9	99.9
2.6	16.2	967.4	900.0	16.6	15.7	999.9	99.9	99.9	99.9	298.7	332.0	12.6	94.2	999.9	99.9
3.6	19.7	1209.2	875.0	17.5	15.9	999.9	99.9	99.9	99.9	302.0	337.2	13.1	90.3	999.9	99.9
4.7	21.2	1456.6	850.0	15.1	14.9	999.9	99.9	99.9	99.9	302.0	336.1	12.7	98.6	999.9	99.9
5.7	23.7	1710.4	825.0	13.9	13.5	999.9	99.9	99.9	99.9	303.2	335.5	11.9	97.3	999.9	99.9
6.6	26.2	1976.2	800.0	12.4	11.9	999.9	99.9	99.9	99.9	304.4	334.5	11.0	96.7	999.9	99.9
7.5	28.8	2236.3	775.0	10.3	9.6	999.9	99.9	99.9	99.9	304.9	331.0	9.8	95.7	999.9	99.9
8.5	31.4	2509.3	750.0	6.3	7.3	999.9	99.9	99.9	99.9	305.4	329.6	8.6	93.1	2.4	110.
9.4	34.1	2790.3	725.0	9.1	-0.4	262.7	10.3	10.3	1.3	309.2	324.9	5.2	51.4	2.9	111.
10.5	36.8	3080.6	700.0	8.5	-5.9	263.8	11.5	11.5	1.3	311.9	322.5	3.5	35.4	3.5	106.
11.6	39.4	3380.4	675.0	6.1	-6.3	262.4	13.6	13.7	1.8	312.5	323.0	3.5	40.1	4.1	102.
12.7	42.2	3680.0	650.0	2.9	-5.9	259.7	16.4	16.1	2.9	312.3	323.7	3.6	52.3	5.3	98.
13.8	45.0	4004.5	625.0	0.2	-8.3	260.4	16.9	16.8	1.6	312.7	322.6	3.3	52.9	6.3	95.
15.0	48.0	4330.6	600.0	-1.9	-11.5	267.5	17.7	17.7	0.8	314.0	322.1	2.6	47.5	7.6	94.
16.1	51.7	4668.4	575.0	-3.7	-13.1	265.8	14.6	14.5	1.1	315.4	323.1	2.4	47.3	8.7	93.
17.3	54.0	5018.4	550.0	-4.8	-18.3	265.5	13.3	13.3	0.8	318.4	323.7	1.6	33.7	9.6	92.
18.6	57.0	5383.3	525.0	-7.9	-17.7	268.5	13.7	13.7	0.4	318.9	324.7	1.8	45.3	10.6	92.
20.0	60.3	5765.7	500.0	-11.1	-20.1	268.9	16.7	16.7	0.3	319.6	324.6	1.6	47.3	11.9	91.
21.5	63.5	6123.5	475.0	-12.5	-25.8	271.5	17.3	17.3	-0.5	322.5	324.8	0.7	27.0	14.9	91.
22.9	66.9	6548.7	450.0	-15.1	-29.9	272.3	16.5	16.5	-0.7	324.2	326.7	0.7	27.0	14.9	91.
24.3	70.3	6953.6	425.0	-15.4	-31.1	272.5	17.3	17.3	-0.8	324.1	326.4	0.7	34.4	16.3	91.
25.8	73.8	7480.5	400.0	-22.6	-32.3	279.2	19.6	19.3	-3.1	324.2	326.5	0.6	44.3	17.9	92.
27.4	77.5	7908.4	375.0	-27.9	-32.9	283.3	28.7	22.1	-5.2	324.7	326.9	0.6	61.6	19.9	93.
29.3	81.3	8408.0	350.0	-31.6	-38.3	282.8	24.0	23.4	-5.3	326.1	327.5	0.4	51.5	22.5	94.
31.2	85.3	8919.2	325.0	-36.2	-42.7	286.7	23.9	22.7	-7.7	326.6	327.8	0.3	50.3	25.2	95.
33.2	89.4	9469.6	300.0	-40.8	99.9	293.0	28.5	26.2	-11.1	327.7	329.4	99.9	99.9	28.1	97.
35.4	93.8	10055.4	275.0	-45.4	99.9	293.1	35.3	32.5	-13.9	329.4	329.4	99.9	99.9	32.1	99.
37.4	99.4	10680.1	250.0	-50.3	99.9	288.5	37.3	35.7	-10.6	331.3	329.9	99.9	99.9	36.6	100.
39.9	103.4	11322.9	225.0	-56.0	99.9	281.8	35.5	34.8	-12.8	332.7	329.9	99.9	99.9	42.2	101.
42.5	109.8	12101.6	200.0	-61.8	99.9	292.5	33.3	30.8	-7.3	334.9	329.9	99.9	99.9	47.4	101.
44.3	115.5	12928.5	175.0	-61.6	99.9	288.7	27.1	25.7	-8.7	348.3	329.9	99.9	99.9	51.7	103.
47.7	123.8	13768.7	150.0	-64.2	99.9	279.6	21.8	21.5	-3.6	359.8	329.9	99.9	99.9	56.9	102.
51.6	128.0	14997.3	125.0	-62.5	99.9	999.9	99.9	99.9	99.9	381.2	329.9	99.9	99.9	59.9	102.
55.8	135.7	16375.7	100.0	-61.9	99.9	999.9	99.9	99.9	99.9	408.2	329.9	99.9	99.9	999.9	99.9
59.9	99.9	99.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
62.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
69.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 30 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

26 APRIL 1979
05 GMT

129 103. 0

TIME MIN	CMCT	WEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	POT T DEG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	7.2	214.0	994.6	14.0	8.2	360.0	10.3	9.8	-10.3	288.4	306.1	7.0	68.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	8.1	206.6	975.8	12.7	6.8	352.0	7.4	1.0	-7.3	287.9	304.6	6.4	67.2	0.2	153.
1.3	10.5	514.3	950.0	11.2	7.3	353.1	16.9	1.5	-16.8	288.6	306.3	6.8	76.5	0.8	164.
2.3	12.7	736.6	925.0	9.3	5.7	6.0	17.1	-2.0	-17.0	288.6	305.2	6.2	78.2	1.8	179.
3.1	15.3	964.7	900.0	11.8	9.5	5.5	14.7	-1.4	-14.7	293.3	315.8	8.4	85.5	2.7	180.
4.0	17.7	1204.7	875.0	12.6	11.3	350.3	11.3	1.9	-11.2	296.6	322.6	9.7	91.8	3.4	180.
4.9	20.3	1445.9	850.0	12.9	11.3	325.4	8.2	4.8	-6.7	299.6	326.5	10.0	90.3	3.9	177.
5.8	22.8	1657.2	825.0	11.0	10.4	288.2	7.2	6.8	-2.2	300.3	326.3	9.6	95.6	4.1	173.
5.9	25.3	1956.8	800.0	11.1	10.5	273.6	9.0	8.9	-0.6	303.0	330.4	10.0	95.0	4.3	167.
7.9	27.9	2220.2	775.0	9.0	8.4	264.8	9.0	9.8	0.9	303.8	328.3	9.0	95.6	4.4	160.
9.8	30.5	2491.5	750.0	6.9	6.2	264.3	10.8	10.7	1.1	304.1	326.2	8.0	95.3	4.6	152.
9.9	33.2	2769.9	725.0	5.2	1.6	258.5	11.5	11.5	0.3	305.1	321.9	5.9	77.5	4.9	145.
11.0	35.9	3056.5	700.0	5.0	-6.0	278.0	11.6	11.5	-1.8	308.8	317.8	3.3	42.8	5.4	139.
12.1	38.6	3353.2	675.0	4.2	-16.6	281.3	10.8	10.5	-2.1	310.4	315.2	1.5	20.1	6.0	136.
13.3	41.4	3659.2	650.0	2.6	-17.9	282.6	15.3	13.0	-2.9	311.9	316.5	1.4	20.2	6.7	131.
14.3	44.2	3974.9	625.0	0.3	-19.8	281.5	16.5	16.1	-3.3	312.6	316.9	1.3	20.4	7.6	127.
15.5	47.1	4301.1	600.0	-1.9	-21.2	280.0	17.4	17.2	-3.0	314.4	318.2	1.2	20.5	8.7	120.
16.7	50.1	4638.4	575.0	-3.8	-22.0	274.1	17.1	17.1	-1.2	315.2	319.2	1.1	22.8	9.9	120.
18.0	53.2	4987.6	550.0	-6.2	-23.9	271.4	18.5	18.5	-0.4	316.6	320.1	1.0	22.8	11.0	117.
19.2	56.3	5356.4	525.0	-7.8	-23.8	265.4	18.7	18.7	1.5	319.6	322.6	1.0	26.3	12.3	116.
20.6	59.5	5727.5	500.0	-10.9	-25.4	261.5	18.0	17.8	2.6	319.6	323.0	1.0	29.1	13.6	111.
22.1	62.8	6119.2	475.0	-14.0	-26.8	261.7	17.9	17.7	2.6	320.7	324.3	1.1	30.3	15.0	108.
23.7	66.1	6527.0	450.0	-16.5	-29.8	263.4	17.8	17.8	2.4	322.5	324.9	0.7	30.4	16.5	105.
25.2	69.6	6955.9	425.0	-19.8	-33.9	270.3	18.6	18.6	-0.1	323.7	325.4	0.5	27.1	18.1	103.
26.9	73.2	7401.5	400.0	-23.7	-35.9	272.5	21.2	21.2	-0.9	324.2	325.7	0.4	31.5	20.6	102.
28.5	76.9	7855.7	375.0	-27.5	-39.2	268.7	23.0	23.0	0.5	325.2	326.4	0.3	31.5	22.3	101.
30.4	80.8	8361.9	350.0	-31.9	-44.0	267.9	22.6	22.6	0.8	325.8	327.3	0.2	28.5	24.7	100.
32.3	84.8	8891.1	325.0	-36.1	-50.4	273.1	25.6	25.6	-1.4	326.5	327.3	0.1	21.0	27.5	99.
34.3	89.0	9431.9	300.0	-40.4	99.9	278.0	26.1	25.8	-3.6	328.2	999.9	99.9	999.9	30.5	99.
36.3	93.5	10018.7	275.0	-45.2	99.9	276.6	29.3	29.1	-3.4	329.6	999.9	99.9	999.9	34.0	99.
38.5	98.2	10648.7	250.0	-51.3	99.9	273.2	31.6	31.5	-1.7	329.8	999.9	99.9	999.9	37.7	98.
41.0	103.2	11281.3	225.0	-57.2	99.9	270.7	33.9	33.9	-1.4	330.8	999.9	99.9	999.9	42.8	97.
43.3	109.6	12057.4	200.0	-61.8	99.9	277.9	39.9	35.5	-5.5	334.5	999.9	99.9	999.9	47.6	97.
45.9	116.5	12880.9	175.0	-62.7	99.9	288.4	36.1	34.3	-13.4	346.2	999.9	99.9	999.9	53.0	96.
49.2	121.0	13825.0	150.0	-64.0	99.9	281.8	29.5	28.9	-8.0	359.8	999.9	99.9	999.9	60.1	95.
52.7	126.0	14952.5	125.0	-62.3	99.9	999.9	99.9	99.9	99.9	302.2	999.9	99.9	999.9	65.2	95.
56.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
62.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
65.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

25 APRIL 1979

115 104. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM MINUTE MINUTE VALUES

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	WIND M/SEC	V COMP M/SEC	POT T DB K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DEG
3.0	7.3	144.0	990.0	14.0	14.3	35.0	1.8	-0.9	-1.2	288.7	315.4	10.4	97.0	0.0	0.
5.0	95.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.5	8.7	281.6	975.0	17.6	16.3	999.9	99.9	99.9	99.9	324.1	324.1	12.1	92.4	999.9	999.9
1.2	10.0	505.1	930.0	19.3	14.5	999.9	99.9	99.9	99.9	296.8	326.1	11.1	73.9	999.9	999.9
2.0	13.0	734.6	925.0	18.1	12.6	999.9	99.9	99.9	99.9	297.4	326.4	10.0	69.9	0.0	334.
2.8	15.2	969.3	900.0	17.0	11.5	209.2	10.5	5.1	9.1	299.0	325.6	9.5	70.1	0.0	353.
3.6	17.6	1209.5	873.0	15.7	11.0	207.6	13.4	6.2	11.9	308.1	325.8	9.5	73.8	1.5	8.
4.5	19.6	1455.7	850.0	15.2	11.4	207.0	11.4	5.3	10.3	302.1	325.5	10.1	78.2	2.1	14.
5.3	21.9	1705.0	825.0	15.4	-5.2	201.7	10.8	4.0	10.1	305.6	319.1	3.1	23.7	2.6	17.
5.2	24.3	1969.0	800.0	13.6	-0.4	203.2	9.6	3.8	8.0	309.7	318.9	4.6	37.5	3.2	17.
7.1	26.5	2235.0	775.0	12.1	0.2	228.8	9.1	6.8	6.0	304.8	321.3	5.0	44.0	3.7	19.
8.1	29.9	2509.7	750.0	10.1	-0.2	247.7	9.3	6.6	3.5	307.2	322.1	5.1	48.9	4.1	25.
9.1	31.4	2791.0	725.0	8.5	-2.6	249.6	6.7	6.3	2.3	308.0	321.0	4.4	46.1	4.5	29.
10.2	33.0	3088.7	700.0	7.7	-11.0	274.5	4.2	4.2	-0.3	311.1	318.3	2.4	25.2	4.7	32.
11.2	36.3	3379.2	675.0	5.7	-13.6	297.2	6.4	5.9	-3.0	312.1	318.2	2.0	23.4	4.7	36.
12.4	38.0	3686.2	650.0	2.9	-14.4	292.2	7.6	7.3	-3.0	312.3	318.3	1.9	26.5	4.6	42.
13.4	41.3	4002.3	625.0	0.2	-12.3	292.1	8.7	8.0	-3.3	312.7	320.1	2.4	38.4	5.1	47.
14.6	44.0	4327.7	600.0	-2.9	-11.5	299.0	9.2	8.1	-4.5	312.8	320.9	2.6	51.1	5.3	54.
15.7	46.7	4663.9	575.0	-5.1	-23.2	299.1	7.1	6.2	-3.5	314.1	317.6	1.1	23.5	5.6	59.
16.9	49.4	5011.5	550.0	-7.6	-38.4	293.2	5.9	5.4	-2.3	315.1	316.0	0.3	6.4	5.8	63.
17.2	52.2	5372.0	525.0	-9.4	-78.9	288.7	6.6	6.9	-2.2	317.1	316.0	0.2	0.9	6.2	66.
18.5	55.1	5747.3	500.0	-11.8	-36.8	280.7	6.4	6.3	-1.2	319.6	319.0	0.3	10.4	6.6	69.
20.9	58.0	6137.4	475.0	-15.1	-33.8	279.3	6.4	6.3	-1.0	319.3	320.9	0.5	18.2	7.0	71.
22.3	61.0	6562.1	450.0	-18.4	-31.9	281.4	7.4	7.3	-1.5	319.6	321.6	0.6	30.2	7.5	73.
23.9	64.1	6946.3	425.0	-21.6	-46.3	278.6	7.8	7.7	-1.2	321.8	321.8	0.1	21.8	8.2	75.
25.5	67.4	7409.6	400.0	-25.2	-51.0	269.0	5.7	9.2	-3.2	322.1	322.4	0.1	7.0	8.9	78.
27.2	70.7	7874.3	375.0	-29.4	-51.2	272.0	9.7	9.7	-0.3	322.7	323.1	7.1	9.9	9.8	80.
28.9	74.1	8362.1	350.0	-32.9	-56.0	275.0	8.6	8.5	-1.3	324.4	324.7	0.1	7.7	10.7	81.
30.7	77.7	8878.0	325.0	-37.2	-56.5	290.7	9.0	8.5	-3.2	325.4	325.7	0.1	11.3	11.6	83.
32.5	81.4	9428.3	300.0	-41.3	-59.9	292.0	10.0	9.2	-3.0	327.2	327.2	99.9	99.9	12.5	86.
34.7	85.3	10013.1	275.0	-46.1	99.9	303.0	10.2	8.5	-5.8	328.2	328.2	99.9	99.9	13.6	88.
36.9	89.5	10638.6	250.0	-52.0	99.9	303.5	12.1	10.1	-6.7	329.7	329.7	99.9	99.9	14.9	92.
39.5	93.0	11312.1	225.0	-57.5	99.9	292.0	9.1	8.4	-3.5	330.4	330.4	99.9	99.9	16.3	95.
42.4	96.0	12046.4	200.0	-62.3	59.9	261.0	12.0	11.9	1.9	334.2	334.2	99.9	99.9	17.9	95.
45.1	101.6	12867.1	175.0	-62.6	99.9	253.3	13.3	14.6	4.4	344.7	344.7	99.9	99.9	20.1	93.
48.5	109.2	13824.0	150.0	-61.4	99.9	259.1	12.8	11.9	4.5	364.4	364.4	99.9	99.9	22.6	90.
52.3	115.3	14954.0	125.0	-59.3	99.9	999.9	99.9	99.9	99.9	387.6	387.6	99.9	99.9	25.3	88.
99.9	99.9	99.9	100.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

28 APRIL 1979
1405 GMT

129 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	ONCT	HEIGHT GFM	PRES MB	TEMP DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT V DEG E	E POT V DEG E	DIR 470 CM/KS	RH PCT	RANGE AZ KM	AZ DEG
0.0	7.4	144.0	990.1	20.7	16.5	75.0	3.1	-3.0	299.7	326.1	12.1	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.7	276.9	575.0	19.2	15.6	999.9	99.9	99.9	294.2	324.6	11.5	79.6	999.9	999.9
1.2	11.1	508.5	550.0	19.7	13.3	999.9	99.9	99.9	297.1	324.2	10.2	66.7	999.9	999.9
2.1	13.5	730.2	525.0	18.4	11.9	103.9	11.7	0.8	298.2	323.6	9.5	54.6	0.0	327.
3.0	15.9	965.1	500.0	17.4	11.0	194.0	14.2	3.4	299.2	324.3	9.2	65.0	1.4	347.
3.9	18.3	1205.9	875.0	17.2	6.2	204.3	14.3	4.9	301.7	320.7	6.0	48.4	2.2	357.
4.9	20.8	1454.1	850.0	16.6	1.0	213.6	12.4	6.8	303.2	319.4	4.9	30.8	2.9	5.
5.9	23.3	1709.0	825.0	16.9	-0.5	219.7	12.1	7.8	306.2	315.0	2.9	19.5	3.5	11.
6.9	25.9	1970.1	800.0	16.4	-8.5	223.9	11.0	7.7	307.6	315.2	2.5	18.3	4.1	16.
7.9	28.4	2237.9	775.0	13.0	-4.1	226.2	10.4	7.8	307.8	318.5	3.6	30.2	4.7	20.
8.8	31.1	2512.3	750.0	10.5	-2.1	230.9	9.7	7.6	308.8	320.8	4.4	41.3	5.2	23.
9.9	33.8	2793.5	725.0	8.1	-1.2	235.0	8.5	6.9	309.2	322.4	4.0	51.9	5.7	26.
11.0	36.4	3082.2	700.0	6.2	-0.2	239.8	7.0	6.0	309.4	321.3	3.7	48.2	6.2	29.
12.1	39.2	3378.9	675.0	4.9	-7.3	255.1	6.7	6.4	311.1	321.0	3.3	41.0	6.5	31.
13.2	42.0	3682.2	650.0	1.9	-3.4	266.9	7.1	7.1	311.2	322.9	3.9	58.2	6.8	34.
14.4	44.9	4001.7	625.0	-0.5	-7.8	270.8	6.8	6.8	311.8	322.1	3.4	57.9	7.1	37.
15.6	47.9	4326.4	600.0	-3.5	-12.5	272.8	6.7	6.6	312.1	319.6	2.4	49.0	7.4	41.
16.8	50.9	4661.5	575.0	-6.3	-12.2	281.4	11.3	11.3	312.6	328.6	2.6	53.0	7.8	46.
18.0	53.9	5007.9	550.0	-9.7	-25.7	282.4	12.0	11.4	314.3	318.0	1.1	39.1	8.3	51.
19.3	57.0	5368.1	525.0	-16.7	-25.6	283.8	11.8	11.4	316.2	319.8	0.9	29.9	8.9	55.
20.7	60.3	5742.5	500.0	-12.9	-28.2	271.1	9.9	9.6	317.4	319.9	0.7	20.2	9.6	59.
22.1	63.6	6138.8	475.0	-16.5	-30.3	263.7	8.6	8.5	317.8	319.8	0.6	29.8	10.2	61.
23.5	67.0	6535.1	450.0	-19.3	-36.6	272.3	9.7	9.7	319.8	328.3	0.4	19.9	10.9	63.
24.9	70.4	6937.1	425.0	-23.0	-40.7	291.2	9.2	8.5	319.2	320.4	0.3	17.8	11.6	65.
26.6	74.0	7358.3	400.0	-26.8	-45.8	303.8	7.6	6.3	321.2	321.0	0.2	13.4	12.1	68.
28.4	77.7	7802.5	375.0	-29.6	-47.8	298.3	9.8	8.7	322.2	322.9	0.1	15.0	12.6	72.
31.1	81.6	8345.8	350.0	-34.2	-48.7	293.9	9.9	9.0	322.6	323.1	0.1	21.3	13.4	75.
31.6	85.5	8866.6	325.0	-37.5	-51.7	280.3	8.7	8.6	325.1	325.4	0.1	20.0	14.2	77.
33.9	89.8	9411.4	300.0	-42.1	99.9	277.3	8.2	8.1	326.1	999.9	99.9	999.9	15.1	78.
35.9	94.2	9993.5	275.0	-47.5	99.9	276.5	8.1	-0.1	326.4	999.9	99.9	999.9	16.1	79.
38.0	98.8	10614.4	250.0	-52.5	99.9	264.7	10.3	10.2	326.2	999.9	99.9	999.9	17.2	80.
40.2	103.6	11283.7	225.0	-59.0	99.9	256.0	11.2	10.8	326.1	999.9	99.9	999.9	18.6	80.
42.6	109.0	12011.3	202.0	-63.8	99.9	257.5	11.9	11.6	326.1	999.9	99.9	999.9	20.4	80.
45.2	114.5	12833.6	175.0	-68.3	99.9	238.9	9.7	8.4	326.4	999.9	99.9	999.9	21.9	79.
48.4	120.8	13728.6	150.0	-72.4	99.9	247.0	11.0	10.2	327.5	999.9	99.9	999.9	23.6	77.
52.3	127.7	14916.5	125.0	-59.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 6
PORT SMITH, ARKANSAS

25 APRIL 1979

120 130. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM QUARTER MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OG K	E POT V OG K	MX WTD CM/SEC	RH PCT	RANGE KM	AZ DEG
7.0	7.7	144.0	589.3	27.2	16.2	180.0	1.0	0.0	1.0	291.3	329.4	10.4	45.0	0.0	0.
7.5	9.9	59.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
8.0	9.1	274.0	575.0	23.4	14.0	99.9	99.9	99.9	99.9	298.7	328.6	11.0	58.0	999.9	999.9
8.5	11.4	501.5	550.0	21.6	14.1	999.9	99.9	99.9	99.9	299.7	327.9	10.7	62.2	0.4	357.
9.0	13.7	732.2	925.0	19.4	13.3	176.4	1.1	-0.3	4.1	299.1	327.2	10.5	67.9	0.6	357.
9.5	16.2	567.8	900.0	17.5	13.1	186.1	0.0	0.0	6.0	299.4	328.1	10.6	75.3	1.0	357.
10.0	19.5	1208.1	875.0	15.1	12.7	191.3	6.0	1.6	7.8	299.5	328.0	10.7	85.9	1.4	359.
10.5	21.0	1453.5	850.0	13.9	10.4	210.4	7.1	3.6	6.1	300.7	326.1	9.4	79.8	1.9	4.
11.0	23.5	1706.2	825.0	15.6	4.0	223.5	8.9	5.5	5.8	305.1	322.6	6.2	46.1	2.2	10.
11.5	26.0	1967.8	800.0	15.9	1.6	211.6	7.4	3.9	6.3	308.1	323.6	5.4	37.8	2.6	10.
12.0	29.4	2236.8	775.0	14.1	1.2	200.8	7.1	2.5	6.8	309.0	324.7	5.4	41.4	3.4	17.
12.5	31.2	2512.3	750.0	11.6	0.2	206.2	6.8	3.0	6.1	309.2	324.3	5.2	45.2	3.4	17.
13.0	33.8	2794.7	725.0	9.2	-0.8	219.1	7.9	4.9	6.2	309.4	324.1	5.0	49.4	3.8	19.
13.5	36.6	3084.7	700.0	6.8	-1.2	228.4	10.1	7.6	6.7	310.2	324.8	5.0	56.0	4.3	22.
14.0	39.3	3382.6	675.0	4.4	-1.6	238.3	10.4	8.8	5.5	310.4	325.4	5.1	65.2	5.0	26.
14.5	42.1	3688.7	650.0	1.5	-1.2	241.9	10.8	9.5	5.1	310.6	325.4	5.4	82.5	5.6	31.
15.0	44.9	4004.3	625.0	-0.1	-7.3	248.8	10.9	10.1	3.9	312.4	323.1	3.6	58.3	6.3	35.
15.5	47.6	4330.0	600.0	-2.5	-9.5	259.5	12.0	11.8	2.2	313.3	322.7	3.1	58.2	6.9	39.
16.0	50.8	4664.2	575.0	-5.1	-11.9	264.4	13.1	13.0	1.3	314.0	322.2	2.7	58.5	7.7	44.
16.5	53.9	5013.4	550.0	-8.4	-14.6	255.2	10.5	10.2	2.7	314.1	321.1	2.2	61.0	8.5	49.
17.0	56.9	5372.7	525.0	-10.8	-18.9	233.7	8.4	6.8	5.0	315.2	320.7	1.6	51.5	9.1	50.
17.5	60.1	5746.6	500.0	-13.0	-27.9	229.7	8.0	6.6	5.8	317.3	319.8	0.8	27.1	9.8	50.
18.0	63.3	6132.4	475.0	-16.1	-28.6	225.7	8.9	6.8	5.8	318.1	320.6	0.8	21.1	10.5	50.
18.5	66.7	6536.1	450.0	-18.4	-29.9	235.3	15.9	13.1	9.1	318.3	999.9	99.9	99.9	11.4	50.
19.0	70.1	6961.9	425.0	-23.1	-31.0	247.7	24.7	23.9	-0.3	319.4	999.9	99.9	999.9	12.9	52.
19.5	73.6	7402.0	400.0	-26.1	-32.2	253.7	27.1	16.0	-21.0	321.0	321.9	3.2	20.2	13.3	64.
20.0	77.3	7864.1	375.0	-29.9	-38.2	260.2	9.3	9.1	-1.6	322.0	323.3	0.4	44.0	13.8	69.
20.5	81.1	8354.2	350.0	-33.1	-40.5	260.7	8.6	8.5	1.4	324.1	325.3	0.3	47.2	14.6	70.
21.0	85.0	8771.3	325.0	-37.0	-46.1	250.8	7.7	7.5	1.6	325.7	326.4	0.2	37.5	15.5	70.
21.5	89.2	9266.1	300.0	-41.5	-49.9	243.9	8.1	7.2	3.6	326.5	999.9	99.9	999.9	16.5	70.
22.0	93.5	10573.5	275.0	-46.8	-59.9	240.4	11.8	10.1	5.7	327.4	999.9	99.9	999.9	17.6	70.
22.5	98.2	10927.7	250.0	-52.3	-69.9	239.3	14.5	12.5	7.4	328.3	999.9	99.9	999.9	19.6	69.
23.0	101.2	11308.0	225.0	-58.3	-79.9	235.2	12.3	8.7	8.7	329.1	999.9	99.9	999.9	21.6	67.
23.5	108.4	12051.2	200.0	-62.7	-89.9	243.2	11.3	10.1	5.1	333.5	999.9	99.9	999.9	23.1	64.
24.0	114.3	12662.7	175.0	-65.5	-99.9	239.7	11.1	9.6	5.6	350.1	999.9	99.9	999.9	25.4	67.
24.5	120.5	13013.4	150.0	-63.8	-99.9	99.9	99.9	99.9	99.9	360.1	999.9	99.9	999.9	27.2	66.
25.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
25.5	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
26.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
26.5	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
27.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
PORT SMITH, ARKANSAS

25 APRIL 1979
2005 GMT

129 98. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.8	144.0	586.9	36.0	15.2	180.0	2.6	0.0	2.6	310.3	341.3	11.1	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.0	251.7	975.0	26.8	12.1	999.9	99.9	99.9	99.9	302.3	327.2	9.2	40.0	999.9	999.9
1.1	11.3	488.7	950.0	25.1	11.9	999.9	99.9	99.9	99.9	302.7	326.0	9.3	43.7	999.9	999.9
1.8	13.6	713.8	925.0	23.4	11.1	999.9	99.9	99.9	99.9	302.2	326.0	9.0	48.6	0.7	337.
2.7	16.0	951.2	900.0	19.9	10.3	198.8	6.7	1.3	6.6	302.8	326.0	8.8	54.0	1.0	347.
3.5	18.4	1193.4	875.0	17.7	9.0	185.5	9.0	0.9	9.0	302.2	325.0	8.3	56.8	1.3	353.
4.4	20.9	1440.9	850.0	16.5	7.1	208.7	11.2	5.0	10.0	303.8	324.2	7.8	53.6	1.8	358.
5.3	23.3	1654.5	825.0	15.1	5.6	226.6	13.0	9.5	9.0	304.6	321.6	6.9	46.1	2.4	10.
6.2	25.8	1955.3	800.0	15.0	0.5	229.8	14.7	11.2	9.6	307.1	321.5	6.0	37.3	3.0	10.
7.2	28.4	2233.4	775.0	13.2	-1.2	232.4	15.9	12.6	9.7	308.0	321.2	4.9	37.1	3.8	26.
8.1	31.0	2457.8	750.0	10.9	-3.2	239.1	16.5	14.2	8.5	308.4	320.2	4.0	37.0	4.6	32.
9.1	33.6	2779.9	725.0	9.2	-1.7	245.0	15.9	14.5	6.5	309.5	323.2	4.7	46.4	8.5	37.
10.2	36.3	3070.0	700.0	7.5	-4.8	250.4	14.8	14.0	5.0	310.2	322.2	3.8	41.2	6.4	42.
11.5	39.0	3368.2	675.0	5.2	-11.2	253.8	12.0	11.6	2.9	311.4	316.8	2.4	29.5	7.2	46.
12.6	41.8	3678.1	650.0	2.8	-13.4	252.8	11.5	11.0	3.4	312.2	316.7	2.1	29.0	8.0	49.
13.8	44.6	3990.9	625.0	-0.2	-12.8	253.7	10.5	10.1	3.0	312.2	319.3	2.3	37.8	8.7	51.
15.1	47.4	4318.9	600.0	-3.1	-13.8	258.9	11.0	10.8	2.1	312.2	319.3	2.2	43.5	9.4	53.
16.3	50.4	4651.4	575.0	-5.5	-17.0	261.7	13.7	13.6	2.0	313.8	319.0	1.7	39.7	10.2	55.
17.7	53.3	4998.6	550.0	-8.1	-19.8	265.8	18.1	17.6	4.4	314.5	319.1	1.4	38.3	11.5	58.
19.2	56.3	5352.0	525.0	-11.0	-22.4	267.2	14.1	14.1	0.7	315.3	319.2	1.2	38.2	12.0	60.
20.6	59.4	5731.6	500.0	-13.1	-24.6	282.0	12.7	12.4	-2.6	317.0	320.5	1.0	37.5	13.7	63.
22.2	62.6	6116.8	475.0	-16.6	-25.6	282.5	13.1	12.3	-4.4	317.2	320.8	0.8	45.5	14.6	66.
24.0	65.0	6524.1	450.0	-19.1	-28.2	289.7	14.2	13.3	-4.8	319.2	322.0	0.7	45.5	15.6	70.
25.6	67.4	6947.0	425.0	-22.7	-31.2	279.0	14.7	14.6	-2.3	319.6	322.0	0.8	44.5	16.9	73.
27.1	72.9	7385.0	400.0	-25.8	-34.5	283.6	9.7	9.4	-2.3	321.4	323.2	0.5	43.6	17.9	74.
29.9	78.5	7853.7	375.0	-29.3	-42.1	288.0	9.3	8.9	-2.6	322.9	323.8	0.2	27.4	18.8	76.
30.8	80.3	8342.2	350.0	-33.5	-46.5	301.6	9.7	8.3	-5.1	323.4	324.2	0.2	25.4	19.6	78.
32.8	84.2	8857.7	325.0	-38.0	-50.9	305.5	9.4	7.7	-5.5	324.2	324.7	0.1	24.2	20.4	80.
35.0	88.3	9408.8	300.0	-42.6	-59.9	290.0	10.0	9.7	-3.6	325.4	324.7	99.9	999.9	21.4	82.
37.2	92.6	9985.6	275.0	-47.2	-66.9	275.5	9.8	9.7	-0.9	326.5	324.7	99.9	999.9	22.7	83.
39.7	97.2	10610.5	250.0	-51.9	-74.9	258.0	10.7	10.5	2.2	328.0	324.7	99.9	999.9	24.2	84.
42.1	102.0	11283.7	225.0	-57.8	-84.9	255.1	11.6	11.2	3.0	329.5	324.7	99.9	999.9	25.7	85.
44.4	107.3	12015.7	200.0	-62.9	-92.9	256.0	10.2	9.9	2.5	333.2	324.7	99.9	999.9	27.4	83.
46.0	113.0	12844.1	175.0	-68.7	-99.9	282.7	9.8	9.4	-2.1	346.5	324.7	99.9	999.9	29.3	83.
52.0	119.3	13793.1	150.0	-81.9	-99.9	259.3	17.9	17.6	-3.1	363.4	324.7	99.9	999.9	31.9	84.
56.2	126.3	14926.3	125.0	-88.0	-99.9	257.8	13.3	13.0	2.8	386.4	324.7	99.9	999.9	37.1	83.
61.7	134.3	16321.6	100.0	-98.9	-99.9	999.9	99.9	99.9	99.9	413.4	324.7	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-4

STATION NO. 6
FORT SMITH, ARK. NSAS

25 APRIL 1979
2305 HT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHILE MINUTE VALUES

129 101. 1

TIME MIN	CNTCT	WEIGHT GPM	PHES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
2.0	8.0	144.0	585.2	29.7	13.5	230.0	3.6	2.6	2.3	304.2	331.4	9.9	37.0	0.0	0.
99.9	99.9	59.9	1000.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.3	9.0	236.7	575.0	28.7	13.8	999.9	99.9	99.9	99.9	304.0	332.1	10.3	40.1	999.9	999.9
1.2	11.4	467.0	550.0	26.7	12.5	999.9	99.9	99.9	99.9	304.3	330.8	9.6	41.3	999.9	999.9
2.2	13.8	701.7	925.3	24.0	9.0	999.9	99.9	99.9	99.9	303.9	325.7	7.9	38.6	1.1	40.
3.1	16.2	940.4	900.0	21.7	12.0	212.7	9.5	5.1	8.0	303.5	330.9	9.9	53.8	1.6	39.
3.9	18.6	1184.5	875.0	20.0	11.5	209.6	8.9	4.4	7.7	304.6	331.5	9.8	58.0	2.1	36.
4.9	21.1	1423.7	850.0	17.5	10.8	200.7	7.4	2.6	7.8	304.6	331.0	9.6	64.7	2.5	35.
5.8	23.7	1682.3	825.0	15.6	99.9	195.8	6.7	1.8	6.5	305.1	999.9	99.9	999.9	2.9	32.
5.7	26.2	1947.5	800.0	13.2	99.9	212.8	7.8	4.2	6.6	305.2	999.9	99.9	999.9	3.2	31.
7.6	29.8	2212.6	775.0	10.8	99.9	228.6	8.6	6.0	6.1	305.4	999.9	99.9	999.9	3.7	32.
8.6	31.4	2484.7	753.0	8.9	5.3	248.6	10.1	9.4	3.7	306.3	327.4	7.5	78.5	4.2	35.
9.5	34.0	2766.2	725.0	10.2	-8.4	281.4	12.4	12.3	1.9	310.7	319.2	2.8	28.1	4.7	40.
12.5	36.8	3056.9	700.0	8.2	-11.4	268.1	15.1	15.0	1.0	311.6	318.6	2.3	23.6	5.3	47.
11.6	39.4	3356.0	675.0	5.8	-13.2	268.7	18.0	18.0	0.4	312.2	318.5	2.0	23.9	6.2	53.
12.9	42.3	3662.4	650.0	3.3	-13.7	272.1	17.9	17.9	-0.7	312.7	319.0	2.0	27.5	7.4	60.
14.2	45.1	3988.0	625.0	1.0	-12.5	273.7	16.8	16.7	-1.4	313.2	320.8	2.3	35.6	8.5	65.
15.4	49.0	4307.4	600.0	-1.9	-13.7	275.5	13.3	13.3	-0.8	313.5	320.7	2.2	39.9	9.5	69.
16.7	51.0	4643.1	575.0	-4.4	-18.9	271.8	12.3	12.3	-0.4	314.6	319.6	1.5	31.0	10.3	71.
17.9	54.0	4951.3	550.0	-7.4	-20.5	261.5	19.2	19.1	2.2	315.2	319.7	1.4	34.0	11.3	72.
19.1	57.1	5352.1	525.0	-10.0	-22.4	269.3	28.8	20.8	0.2	316.4	320.3	1.2	35.4	13.0	74.
23.5	60.4	5726.5	500.0	-13.0	-23.7	286.7	18.2	13.6	-4.1	317.2	321.0	1.1	40.1	14.2	76.
21.9	63.6	6116.1	475.0	-15.1	-30.7	290.6	16.1	13.2	-5.0	319.2	321.4	0.6	25.6	15.1	78.
23.5	67.0	6522.2	450.0	-18.3	-39.1	288.6	15.4	12.7	-4.3	320.2	321.3	0.3	14.0	16.3	81.
25.1	70.5	6946.4	425.0	-21.4	-41.5	287.0	10.4	9.9	-3.0	321.2	322.4	0.2	14.3	17.3	83.
27.0	74.1	7398.8	400.0	-24.6	-43.0	281.3	8.2	8.0	-1.6	323.8	322.4	0.2	16.1	18.2	85.
28.6	77.8	7857.2	375.0	-28.4	-45.4	289.9	11.8	11.1	-4.0	324.6	324.7	0.2	17.5	19.1	85.
30.2	81.7	8347.0	350.0	-33.0	-49.4	300.7	14.8	12.7	-7.5	324.2	324.7	0.1	17.4	20.2	86.
32.0	85.7	8863.6	325.0	-37.6	-53.5	311.9	18.6	13.8	-12.4	324.9	325.2	0.1	17.0	21.6	86.
33.8	90.0	9410.6	300.0	-42.3	99.9	309.0	16.5	12.8	-10.4	325.8	999.9	99.9	999.9	22.9	93.
35.7	94.3	9952.8	275.0	-47.4	99.9	299.9	16.2	15.1	-5.8	326.8	999.9	99.9	999.9	24.7	95.
37.8	99.0	10614.8	250.0	-52.8	99.9	278.6	14.8	14.7	-2.2	327.4	999.9	99.9	999.9	26.5	95.
40.4	104.0	11298.0	225.0	-58.8	99.9	291.2	17.7	16.5	-6.4	333.0	999.9	99.9	999.9	28.3	96.
43.1	109.4	12034.8	200.0	-58.9	99.9	311.7	14.8	11.0	-9.8	339.5	999.9	99.9	999.9	31.4	98.
46.2	115.3	12866.0	175.0	-62.3	59.9	296.4	23.3	20.8	-10.3	347.1	999.9	99.9	999.9	33.8	101.
49.6	121.8	13818.8	150.0	-63.5	99.9	271.3	18.8	18.9	-0.4	360.7	999.9	99.9	999.9	36.8	100.
53.7	128.7	14942.4	125.0	-68.9	99.9	999.9	99.9	99.9	99.9	368.2	999.9	99.9	999.9	42.0	99.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
PORT SMITH, ARKASAS

26 APRIL 1979
207 GUT

118 98. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	ASIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/SEC	RH PCY	RANGE KM	AZ DG
0.0	7.6	148.0	586.1	25.6	19.7	360.0	0.0	0.0	0.0	300.0	328.8	10.8	51.0	0.0	0.
05.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	8.5	283.9	975.0	25.4	16.4	999.9	99.9	99.9	99.9	300.7	333.2	12.1	57.5	999.9	999.9
1.3	10.7	472.3	950.0	24.6	16.1	999.9	99.9	99.9	99.9	302.2	335.2	12.3	59.3	999.9	999.9
2.1	12.9	705.3	925.0	21.9	16.0	999.9	99.9	99.9	99.9	301.6	332.9	11.6	63.9	1.3	21.
3.0	15.2	942.9	900.0	19.8	14.6	216.0	13.3	7.8	10.8	301.6	333.6	11.7	72.1	2.1	26.
3.8	17.4	1185.7	875.0	17.6	13.3	222.4	13.2	8.9	9.8	302.1	334.0	11.8	80.9	2.7	29.
4.8	19.6	1433.4	850.0	15.7	11.5	234.6	14.0	11.4	9.1	302.6	335.9	12.4	92.6	3.5	33.
5.8	22.0	1687.1	825.0	14.0	13.4	253.3	12.2	11.7	3.5	303.4	335.4	11.8	95.9	4.1	39.
1.6	24.3	1946.8	800.0	11.6	11.2	258.7	12.0	11.7	2.4	303.8	332.5	10.5	95.6	4.6	43.
7.4	26.7	2212.9	775.0	10.5	9.9	261.2	9.4	9.3	1.4	305.1	332.5	9.9	95.7	5.1	47.
8.3	29.2	2466.0	750.0	8.9	6.4	257.2	11.3	11.0	2.5	306.3	332.8	9.3	96.1	5.4	50.
8.9	31.6	2767.3	725.0	7.8	7.2	252.0	15.1	14.4	4.7	308.0	332.8	8.8	96.1	5.9	52.
5.4	34.1	3056.4	700.0	5.7	5.1	254.2	14.0	13.4	3.8	308.4	331.3	7.9	95.8	6.4	53.
10.4	36.6	3322.7	675.0	3.6	-4.5	256.0	10.3	10.0	2.5	309.7	321.6	4.1	55.2	7.1	58.
11.9	39.2	3658.8	650.0	2.3	-11.6	252.0	11.6	11.1	3.6	311.6	319.1	2.4	34.9	7.9	58.
13.1	41.8	3976.1	625.0	-0.3	-16.2	250.2	13.0	11.5	2.4	312.1	317.6	1.7	28.0	8.8	59.
14.4	44.4	4299.2	600.0	-3.0	-17.7	263.4	13.2	13.1	1.5	312.7	317.7	1.6	30.9	9.6	61.
15.5	47.1	4634.5	575.0	-5.6	-17.9	266.3	13.9	13.9	0.9	313.4	316.4	1.6	37.3	10.5	63.
16.8	49.9	4981.1	550.0	-8.3	-18.1	268.1	14.7	14.6	0.9	314.2	319.5	1.7	45.2	11.4	66.
18.2	52.8	5340.6	525.0	-10.8	-18.4	262.6	26.7	26.5	3.4	315.4	320.9	1.7	53.4	12.9	68.
19.4	55.7	5713.9	500.0	-13.8	-21.2	276.0	21.3	21.2	-2.2	316.3	320.8	1.4	53.1	15.1	70.
20.8	58.6	6101.3	475.0	-17.1	-20.4	294.1	11.9	10.9	-4.8	316.2	321.9	1.6	75.0	15.8	72.
22.3	61.8	6508.9	450.0	-19.7	-26.5	279.3	15.7	19.5	-3.2	318.2	321.8	1.0	94.7	17.1	75.
23.8	64.9	6927.5	425.0	-21.8	-63.8	283.6	21.8	21.2	-5.1	321.1	321.1	0.0	1.0	18.9	77.
25.7	69.1	7371.3	400.0	-25.1	-66.0	288.2	23.8	22.6	-7.4	322.3	322.4	0.0	1.0	21.0	80.
27.3	71.6	7836.1	375.0	-29.2	-62.9	301.0	29.9	28.6	-15.4	323.8	323.1	0.0	2.4	23.5	84.
29.0	75.0	8325.5	350.0	-32.8	-51.1	306.8	17.8	14.2	-10.7	324.6	324.9	0.1	13.9	25.3	88.
30.7	78.7	8843.3	325.0	-37.2	-48.9	300.9	15.3	13.1	-7.8	325.2	326.0	0.1	27.8	26.6	90.
32.5	82.4	9390.9	300.0	-42.0	99.9	306.7	12.8	10.3	-7.7	326.2	326.9	99.9	999.9	27.9	92.
34.3	86.3	9975.2	275.0	-47.2	99.9	310.7	9.9	7.5	-6.5	326.4	326.9	99.9	999.9	28.8	94.
36.3	90.5	10555.5	250.0	-53.1	90.9	292.3	12.2	11.3	-4.6	327.2	327.2	99.9	999.9	29.8	94.
38.4	95.0	11263.5	225.0	-52.7	99.9	293.0	18.8	17.3	-7.3	328.5	328.5	99.9	999.9	31.7	95.
40.2	99.6	12002.3	200.0	-61.6	99.9	305.1	23.7	19.4	-13.6	335.3	335.3	99.9	999.9	33.7	97.
42.4	104.8	12912.0	175.0	-64.4	99.9	284.5	21.5	20.8	-5.4	343.7	343.7	99.9	999.9	36.6	98.
45.0	110.3	13759.8	150.0	-65.6	90.9	278.8	18.4	18.2	-2.3	357.1	357.1	99.9	999.9	39.5	99.
48.9	116.5	14882.3	125.0	-61.9	99.9	999.9	99.9	99.9	99.9	393.0	393.0	99.9	999.9	42.1	98.
53.4	123.3	16263.3	100.0	-68.6	99.9	999.9	99.9	99.9	99.9	410.8	410.8	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
96.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

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* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

26 APRIL 1970
505 GHT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

130 96. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX W/O GM/KG	RH PCP	RANGE KM	AZ DG
0.0	7.4	144.0	990.2	16.1	11.5	280.0	2.6	2.6	-0.5	290.1	312.5	0.6	74.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.8	278.4	575.0	14.4	11.6	559.9	99.9	99.9	99.9	289.6	312.6	0.9	83.5	999.9	999.9
1.4	11.2	494.7	550.0	12.6	11.5	999.9	99.9	99.9	99.9	290.0	313.4	9.0	93.1	999.9	999.9
2.3	13.5	718.1	925.0	10.5	9.7	322.2	9.3	5.7	-7.4	290.6	311.5	0.2	95.2	1.2 143.	
3.1	15.9	947.7	900.0	13.4	12.7	308.5	9.0	7.0	-5.6	295.4	322.7	10.4	95.6	1.7 141.	
4.0	14.4	1186.0	875.0	14.2	13.5	292.5	9.7	9.0	-3.7	298.6	328.5	11.3	95.7	2.1 136.	
4.9	20.6	1431.4	850.0	14.0	12.8	277.8	12.8	12.6	-1.7	300.8	330.4	11.0	92.6	2.7 138.	
5.9	23.3	1683.3	825.0	12.2	11.5	266.9	15.2	15.1	1.3	301.5	329.6	10.4	95.0	3.4 120.	
6.8	25.8	1941.4	800.0	11.0	10.2	250.0	13.3	12.5	4.5	302.8	329.8	9.9	95.0	4.0 113.	
9.0	29.4	2206.3	775.0	8.9	8.0	258.1	13.6	13.3	2.8	303.4	327.5	8.7	93.7	4.7 104.	
9.0	31.0	2477.6	750.0	7.3	5.7	273.8	12.6	12.6	-0.8	304.2	326.1	7.7	89.7	5.5 102.	
10.1	33.6	2756.8	725.0	7.0	-5.4	277.5	12.7	12.6	-1.7	307.2	315.7	2.9	53.7	6.3 102.	
11.2	36.2	3045.1	700.0	6.5	-17.2	281.9	17.3	16.9	-3.6	309.7	314.2	1.4	16.4	7.2 101.	
12.3	39.0	3342.3	675.0	4.6	-17.5	281.5	20.0	19.6	-4.0	310.6	315.3	1.4	18.3	8.5 102.	
13.4	41.8	3648.2	650.0	1.9	-17.8	276.4	18.6	18.5	-2.1	311.1	215.6	1.4	21.6	9.8 101.	
14.5	44.6	3963.0	625.0	-0.6	-17.2	266.6	19.9	19.9	0.5	311.5	216.5	1.6	27.5	11.0 100.	
15.7	47.5	4267.2	600.0	-3.6	-16.0	266.3	19.9	19.9	1.3	312.0	317.7	1.8	37.4	12.5 99.	
16.9	50.4	4622.1	575.0	-5.9	-17.5	265.1	19.0	18.9	1.6	313.1	318.4	1.7	39.4	13.8 97.	
18.1	53.4	4962.6	550.0	-8.8	-19.8	257.4	18.5	18.1	4.8	313.6	318.2	1.4	40.7	15.2 96.	
19.3	56.5	5327.8	525.0	-10.6	-22.2	247.2	15.1	14.0	5.9	315.7	319.7	1.2	37.8	16.2 94.	
20.5	59.6	5701.3	500.0	-13.4	-25.4	248.6	18.4	17.1	6.7	316.7	319.9	1.0	35.7	17.3 93.	
21.8	62.9	6089.8	475.0	-16.2	-31.1	255.1	20.3	19.6	5.2	317.8	320.0	0.6	26.3	18.8 91.	
23.3	65.1	6494.6	450.0	-18.2	-61.5	265.0	23.9	23.8	2.1	320.2	320.4	0.0	1.0	20.5 90.	
24.8	69.6	6918.8	425.0	-21.8	-60.7	264.8	20.6	20.5	1.9	321.1	321.2	0.0	1.6	22.7 89.	
26.6	73.1	7362.0	400.0	-25.2	-36.2	272.4	26.6	26.6	-1.1	322.2	323.8	0.4	34.9	25.0 89.	
28.4	76.8	7827.6	375.0	-28.8	-44.2	277.8	21.4	21.2	-2.9	323.2	324.3	0.2	20.9	27.9 98.	
30.3	80.5	8317.5	350.0	-32.8	-49.4	277.4	13.8	13.9	-1.9	324.2	324.9	0.1	17.2	29.7 91.	
32.3	84.5	8834.3	325.0	-37.6	-54.1	278.9	15.2	15.0	-2.3	324.8	325.1	0.1	15.7	31.6 91.	
34.1	88.5	9386.7	300.0	-42.6	-59.9	282.3	15.4	15.0	-3.3	325.1	999.9	99.9	999.9	33.2 91.	
36.4	93.0	9966.4	275.0	-48.8	-69.9	285.3	20.8	20.9	-7.9	325.0	999.9	99.9	999.9	35.3 92.	
38.1	97.6	10579.7	250.0	-54.4	-69.9	319.6	21.5	14.0	-10.4	325.2	999.9	99.9	999.9	40.7 94.	
41.5	102.4	11250.3	225.0	-56.3	-69.9	290.3	31.5	20.6	-10.9	332.2	999.9	99.9	999.9	42.1 95.	
43.4	107.8	11991.0	200.0	-61.1	-69.9	292.4	54.1	50.0	-20.6	334.6	999.9	99.9	999.9	47.9 97.	
45.9	113.5	12809.0	175.0	-65.7	-69.9	311.7	17.2	12.6	-11.4	341.2	999.9	99.9	999.9	51.3 98.	
48.8	119.8	13736.7	150.0	-68.9	-69.9	270.1	20.3	20.3	-0.0	354.6	999.9	99.9	999.9	54.3 99.	
52.0	126.7	14865.9	125.0	-60.3	-69.9	274.4	16.8	16.5	-1.3	365.2	999.9	99.9	999.9	58.5 99.	
56.7	134.7	16247.7	100.0	-61.1	-69.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.9
92.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
95.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

26 APRIL 1979
030 GAT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES														38 063. 1	
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTD GAL/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	144.0	992.1	13.9	8.3	15.0	4.7	-1.1	-4.0	287.7	305.8	7.0	89.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.3	290.2	575.0	11.9	8.2	99.9	99.9	99.9	99.9	287.2	305.4	7.1	78.2	99.9	99.9
1.7	11.6	507.4	550.0	10.1	7.5	99.9	99.9	99.9	99.9	287.4	305.3	6.9	84.0	99.9	99.9
2.5	14.0	728.6	925.0	7.9	7.0	99.9	99.9	99.9	99.9	287.4	305.1	6.8	94.3	99.9	99.9
3.4	16.4	955.4	900.0	9.8	7.2	99.9	99.9	99.9	99.9	287.6	310.5	7.1	94.3	99.9	99.9
4.4	19.9	1190.6	875.0	10.8	9.0	99.9	99.9	99.9	99.9	295.8	317.0	8.3	80.7	99.9	99.9
5.3	21.4	1433.8	850.0	11.6	8.8	99.9	99.9	99.9	99.9	298.3	321.0	8.4	82.9	99.9	99.9
6.3	23.9	1683.1	825.0	9.9	7.0	99.9	99.9	99.9	99.9	299.0	319.9	7.7	82.4	99.9	99.9
7.2	26.4	1939.1	800.0	8.7	6.7	99.9	99.9	99.9	99.9	300.8	321.7	7.8	87.4	99.9	99.9
8.2	29.0	2201.2	775.0	6.6	99.9	99.9	99.9	99.9	99.9	300.4	99.9	99.9	99.9	6.0	164.
9.2	31.6	2469.1	750.0	5.0	59.9	314.0	14.2	10.2	-9.9	302.6	99.9	99.9	99.9	0.7	161.
10.3	34.2	2748.3	725.0	6.2	-2.9	292.6	13.9	12.8	-5.3	306.3	316.0	4.3	52.6	7.5	157.
11.3	36.9	3033.6	700.0	5.1	-9.8	99.9	99.9	99.9	99.9	308.2	316.0	2.6	33.1	8.0	152.
12.5	39.7	3328.8	675.0	2.2	-12.3	99.9	99.9	99.9	99.9	308.1	314.8	2.2	33.3	99.9	99.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
 PORT SMITH, ARKANSAS

128 104. 1

 26 APRIL 1979
 1105 GPT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEP PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	AM PCT	RANGE KM	AZ DEG
0.0	7.3	144.0	993.0	11.1	7.8	360.0	0.0	0.0	0.0	284.6	302.1	6.7	80.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	8.0	253.9	975.0	10.4	7.9	599.9	99.9	99.9	99.9	285.8	303.6	6.9	83.3	999.9	999.
1.3	11.3	513.2	550.0	9.3	6.7	599.9	99.9	99.9	99.9	286.6	303.5	6.5	83.9	999.9	999.
2.1	13.7	734.6	925.0	9.9	7.3	999.9	99.9	99.9	99.9	289.4	307.7	7.0	84.2	0.6	166.
3.1	16.2	961.9	900.0	8.6	-3.4	2.6	15.4	-0.7	-15.4	290.3	299.5	3.3	42.8	1.6	175.
4.0	19.6	1156.1	875.0	11.4	-2.8	355.6	14.7	1.1	-14.6	295.7	305.7	3.6	36.9	2.5	177.
5.0	21.1	1436.4	850.0	11.7	-2.0	368.6	16.3	3.2	-16.0	298.4	309.0	3.8	37.2	3.3	175.
5.9	23.6	1667.8	825.0	11.2	-3.0	333.9	17.5	7.7	-15.7	300.5	311.1	3.7	36.8	4.3	173.
6.9	26.1	1944.4	800.0	10.5	-2.9	323.4	15.5	9.2	-12.4	302.4	313.5	3.9	38.8	5.2	167.
7.9	28.7	2202.1	775.0	8.6	-6.1	329.5	14.5	7.4	-12.5	302.1	312.3	3.1	34.7	6.0	165.
9.0	31.2	2478.2	750.0	6.8	-8.4	327.9	14.0	7.4	-11.8	304.0	311.9	2.7	32.7	6.9	163.
10.1	33.9	2755.9	725.0	5.0	-9.7	326.0	14.6	7.8	-11.6	303.6	312.5	2.5	33.6	7.8	161.
11.2	36.6	3041.1	700.0	3.0	-8.4	306.2	13.4	10.5	-8.3	305.6	314.4	2.9	43.1	8.7	159.
12.3	39.3	3335.2	675.0	1.8	-7.2	278.6	14.8	14.6	-2.9	307.7	317.4	3.3	51.1	9.3	155.
13.4	42.1	3638.9	650.0	0.1	-7.6	266.0	20.0	19.9	1.4	309.1	318.9	3.3	55.3	9.8	149.
14.6	45.0	3952.7	625.0	-8.8	-9.1	268.3	21.8	21.8	0.6	311.2	320.8	3.1	53.4	10.6	142.
15.8	48.0	4277.1	600.0	-3.6	-11.5	268.0	22.3	22.3	0.0	313.5	320.1	2.6	54.4	11.6	136.
16.9	50.9	4612.2	575.0	-6.0	-13.7	257.8	21.3	20.9	4.5	313.0	320.1	2.3	54.3	12.6	130.
18.3	53.9	4958.6	550.0	-9.1	-12.9	260.4	21.2	20.9	3.5	313.3	321.3	2.6	73.8	13.7	125.
19.8	57.0	5317.6	525.0	-11.0	-15.7	272.3	30.2	30.2	-1.2	315.2	321.9	2.1	68.5	15.4	120.
21.4	60.1	5691.6	500.0	-12.3	-20.8	260.8	27.9	27.6	4.5	316.0	322.7	1.5	49.0	16.4	115.
23.0	63.4	6081.7	475.0	-15.0	-23.9	252.1	18.3	17.4	5.6	319.5	323.3	1.2	46.3	19.8	111.
24.5	66.7	6487.9	450.0	-18.6	-27.3	259.7	25.3	28.8	5.2	319.5	322.9	0.9	46.3	21.3	109.
26.0	70.1	6911.2	425.0	-22.3	-30.8	265.9	37.7	37.6	2.7	320.5	322.8	0.7	45.4	24.5	105.
27.5	73.7	7353.9	400.0	-25.9	-35.6	260.1	29.0	28.6	5.0	321.3	323.6	0.5	39.6	27.1	103.
29.0	77.3	7817.6	375.0	-29.7	-38.2	266.6	34.6	34.6	2.0	322.3	323.6	0.4	43.0	29.9	101.
30.8	81.1	8305.6	350.0	-33.7	-40.3	268.3	28.9	28.8	0.8	323.3	324.5	0.3	50.7	33.2	105.
32.4	85.0	8821.4	325.0	-37.1	-44.9	268.5	31.0	31.0	0.8	325.6	326.4	0.2	43.4	36.5	99.
34.4	89.2	9368.8	300.0	-42.2	-59.9	278.1	52.0	52.0	-7.4	325.6	999.9	99.9	999.9	41.3	98.
36.8	93.5	9958.4	275.0	-47.6	99.9	277.4	50.2	49.8	-6.5	326.3	999.9	99.9	999.9	48.6	96.
39.3	98.2	10572.0	250.0	-53.3	99.9	272.0	43.7	43.7	-1.5	326.9	999.9	99.9	999.9	55.9	96.
41.7	103.0	11248.4	225.0	-57.8	99.9	274.5	51.2	51.1	-4.0	329.5	999.9	99.9	999.9	61.5	97.
44.2	108.3	11981.0	200.0	-60.1	99.9	283.0	63.2	63.2	-14.6	337.4	999.9	99.9	999.9	71.9	96.
47.4	114.0	12809.5	175.0	-61.0	99.9	282.0	54.1	52.9	-11.3	349.2	999.9	99.9	999.9	82.0	99.
50.7	120.3	13773.1	150.0	-59.8	99.9	277.5	28.8	29.5	-3.9	367.1	999.9	99.9	999.9	90.6	98.
54.8	127.3	14908.5	125.0	-58.1	99.9	999.9	99.9	99.9	99.9	368.1	999.9	99.9	999.9	98.7	99.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

25 APRIL 1979
1112 GDT

TIME M/H	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	RH PCP	RANGE KM	AZ DEG
0.0	17.7	1115.0	892.6	9.0	5.0	360.0	14.4	0.0	-14.4	292.4	309.1	6.2	76.0	122	92.0
0.9	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	18.5	1180.4	875.0	7.80	99.9	99.9	99.9	99.9	99.9	291.5	99.9	99.9	99.9	99.9	99.9
1.4	20.9	1424.0	850.0	5.70	99.9	99.9	99.9	99.9	99.9	292.1	99.9	99.9	99.9	99.9	99.9
2.3	23.4	1657.7	825.0	3.8	3.1	99.9	99.9	99.9	99.9	292.6	308.3	5.0	95.7	99.9	99.9
3.3	25.9	1918.0	800.0	4.1	-1.7	99.9	99.9	99.9	99.9	293.5	307.3	4.3	66.8	3.9	100.
4.2	29.5	2176.9	775.0	4.1	-0.8	11.1	17.0	-3.4	-17.5	298.2	312.0	5.0	74.0	5.1	100.
5.2	31.1	2444.0	750.0	4.1	3.5	2.9	12.4	-0.6	-12.4	303.0	319.3	6.6	98.0	5.9	100.
6.1	33.8	2728.4	725.0	3.8	3.5	20.8	8.2	5.2	-6.4	307.6	321.2	4.6	60.2	6.4	100.
7.2	36.4	3006.6	700.0	4.8	-2.3	283.5	8.3	8.0	-1.9	309.2	318.2	2.9	39.9	6.4	170.
8.2	39.1	3302.9	675.0	3.4	-9.0	266.4	12.0	12.0	0.0	310.7	316.5	1.9	28.5	6.5	171.
9.4	41.9	3608.2	650.0	1.6	-10.7	258.5	14.1	13.0	2.0	311.1	317.1	1.9	34.9	6.5	162.
10.5	44.7	3922.5	625.0	-1.2	-14.7	252.7	14.4	13.3	3.5	311.3	317.6	2.0	43.1	6.4	153.
11.6	47.5	4246.4	600.0	-4.1	-18.8	247.7	13.4	11.9	6.1	313.6	317.9	1.3	30.4	6.7	145.
12.8	50.5	4580.9	575.0	-5.4	-20.3	242.8	13.4	11.9	6.1	315.0	317.5	0.8	19.4	6.9	137.
13.9	53.5	4926.4	550.0	-7.7	-27.0	245.6	15.4	14.0	6.4	316.7	318.0	0.4	10.7	7.4	120.
15.1	56.5	5282.0	525.0	-9.8	-35.0	247.0	18.2	16.7	7.1	318.3	318.7	0.1	3.6	8.1	120.
16.3	59.7	5653.6	500.0	-12.1	-45.9	247.5	19.8	18.3	7.6	318.5	318.7	0.1	3.6	8.1	120.
17.5	63.0	6053.0	475.0	-15.0	-46.4	252.4	21.9	20.9	6.6	318.5	318.9	0.1	5.2	10.4	107.
18.9	66.3	6498.3	450.0	-19.1	-48.2	254.1	23.3	22.4	6.4	319.3	319.7	0.1	5.2	10.4	107.
20.1	69.7	6888.2	425.0	-23.1	-48.2	250.5	23.0	22.2	7.9	319.4	319.8	0.1	7.0	12.1	102.
21.5	73.3	7328.6	400.0	-27.3	-47.9	247.3	26.5	22.6	9.4	319.8	320.0	0.1	12.0	13.9	97.
22.9	76.9	7781.4	375.0	-31.2	-50.8	249.5	26.2	24.5	9.2	320.3	320.7	0.1	12.4	15.8	93.
24.7	80.7	8265.3	350.0	-35.8	-54.2	256.1	28.1	27.3	6.8	320.4	320.8	0.1	12.0	18.5	90.
26.3	84.7	8775.7	325.0	-40.3	-59.9	264.0	28.5	28.3	3.0	321.1	321.5	0.9	99.9	21.2	89.
27.9	89.8	9318.3	300.0	-45.3	-59.9	268.0	29.4	29.4	1.0	321.2	321.5	0.9	99.9	24.0	89.
29.7	93.2	9988.3	275.0	-51.0	-59.9	273.8	28.0	27.9	-1.9	321.4	321.5	0.9	99.9	27.2	89.
31.8	97.8	10503.6	250.0	-54.6	-59.9	266.6	27.0	26.9	1.6	323.0	323.0	0.9	99.9	30.4	89.
34.2	102.9	11170.8	225.0	-59.3	-59.9	264.0	28.3	28.1	3.0	327.4	327.4	0.9	99.9	34.3	80.
36.2	108.0	11981.2	200.0	-62.8	-59.9	275.6	28.9	26.8	-2.8	333.3	333.3	0.9	99.9	37.9	80.
38.5	116.0	12723.2	175.0	-64.7	-59.9	254.6	17.9	17.3	4.8	343.1	343.1	0.9	99.9	40.4	80.
41.3	120.3	13674.8	150.0	-59.9	-59.9	269.5	21.1	21.1	0.2	346.2	346.2	0.9	99.9	43.9	80.
45.1	127.3	16222.2	125.0	-56.5	-59.9	294.3	14.9	13.5	-6.1	392.8	392.8	0.9	99.9	48.3	80.
49.6	135.3	16248.0	100.0	-56.4	-59.9	99.9	99.9	99.9	99.9	418.8	418.8	0.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
 GOODLAND, KANSAS

 28 APRIL 1979
 1405 GGT

110 128. 0

TIME M/Y	CNTCT	HEIGHT GPH	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DG
00.0	17.3	1113.0	885.9	9.0	4.0	360.0	10.3	0.0	-10.3	292.1	307.6	5.8	71.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.9	99.9	1217.3	875.0	7.88	99.9	2.1	10.1	-0.4	-10.1	291.8	99.9	99.9	99.9	999.9	0.4 173.
06.9	18.4	1454.9	850.0	5.4	99.9	0.8	14.8	-0.2	-14.8	291.8	99.9	99.9	99.9	999.9	1.0 177.
07.9	20.9	1659.0	825.0	4.8	1.6	1.2	19.6	-0.4	-19.6	293.7	307.9	5.2	79.6	2.0 179.	
08.9	23.4	1949.6	800.0	3.3	0.1	0.6	20.3	-0.2	-20.3	307.9	307.9	4.8	79.6	3.1 180.	
09.9	25.8	2206.8	775.0	2.0	-1.3	0.9	17.6	-0.3	-17.6	308.5	308.5	4.5	78.0	6.2 180.	
10.9	32.9	2471.2	750.0	0.9	-1.5	3.8	14.3	-0.9	-14.2	307.5	310.3	4.6	84.0	5.1 180.	
11.9	33.6	2744.1	725.0	1.0	0.5	344.1	8.3	2.3	-8.0	306.6	315.9	5.3	95.9	5.8 181.	
12.9	36.2	3028.6	700.0	0.5	-0.3	304.8	9.7	8.0	-5.6	303.6	318.2	5.4	94.3	6.2 178.	
13.9	33.9	3318.5	675.0	0.1	-0.6	279.1	16.0	15.6	-2.5	305.2	317.5	4.0	70.2	6.5 171.	
14.9	41.7	3621.2	650.0	-0.5	-7.8	265.6	19.2	19.2	1.5	308.4	318.1	3.3	57.7	6.8 161.	
15.9	44.6	3933.2	625.0	-3.8	-10.2	257.4	18.7	18.2	4.1	308.2	316.6	2.8	60.7	7.2 150.	
16.9	47.6	4254.7	600.0	-5.7	-11.1	255.2	20.3	19.7	5.2	309.5	317.8	2.7	65.7	7.6 141.	
17.9	50.4	4587.2	575.0	-7.9	-12.0	257.0	24.4	23.8	5.5	310.7	318.0	2.7	72.7	8.4 131.	
18.9	53.4	4931.1	550.0	-10.9	-14.0	260.8	27.2	26.8	4.3	311.2	318.9	2.4	78.1	9.7 122.	
19.9	56.4	5287.7	525.0	-12.7	-16.2	261.3	27.4	27.1	4.2	313.2	318.2	1.6	50.2	11.4 115.	
20.9	59.6	5659.2	500.0	-12.9	-15.8	254.9	26.8	25.8	7.8	316.1	319.2	0.9	35.9	13.2 109.	
21.9	62.8	6048.6	475.0	-14.7	-35.3	255.0	28.8	27.9	7.4	319.4	321.2	0.4	15.3	15.1 104.	
22.9	66.1	6455.5	450.0	-18.1	-38.2	253.5	29.4	28.1	8.4	320.2	321.6	0.3	15.2	17.2 101.	
23.9	69.6	6879.5	425.0	-22.0	-39.9	249.0	29.8	27.8	10.7	320.8	321.8	0.3	17.9	19.7 97.	
24.9	73.1	7321.9	400.0	-26.0	-40.7	247.2	29.5	27.2	11.4	321.2	322.1	0.3	23.5	22.3 93.	
25.9	75.8	7785.0	375.0	-30.5	-40.9	251.5	30.2	28.6	9.6	321.2	322.2	0.3	25.1	25.1 90.	
26.9	83.6	8271.1	350.0	-34.9	-41.1	253.0	30.5	29.1	8.9	321.6	322.7	0.3	52.7	27.8 88.	
27.9	84.5	8783.2	325.0	-39.5	99.9	258.4	31.8	31.2	6.4	322.2	322.7	99.9	999.9	30.5 87.	
28.9	89.7	9325.1	300.0	-44.5	99.9	259.9	32.6	32.1	5.7	322.7	322.7	99.9	999.9	33.5 86.	
29.9	93.0	9900.5	275.0	-50.1	99.9	261.8	33.3	32.9	4.7	322.7	322.7	99.9	999.9	36.7 84.	
30.9	97.6	10515.5	250.0	-55.6	99.9	264.3	32.1	32.0	3.2	323.5	323.5	99.9	999.9	43.6 80.	
31.9	102.6	11180.2	225.0	-59.7	99.9	272.7	33.8	32.9	-1.6	327.0	327.0	99.9	999.9	48.7 84.	
32.9	107.8	11912.7	200.0	-61.6	99.9	277.5	27.7	27.4	-3.6	335.2	335.2	99.9	999.9	49.7 87.	
33.9	113.5	12743.5	175.0	-60.1	99.9	264.2	25.8	24.8	2.5	350.7	350.7	99.9	999.9	54.0 87.	
34.9	119.9	13713.6	150.0	-56.7	99.9	274.6	22.0	21.9	-1.8	372.4	372.4	99.9	999.9	58.9 87.	
35.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
36.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
37.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
38.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
39.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS28 APRIL 1978
1715 GAT

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	16.5	1115.0	886.6	12.4	2.3	350.0	10.3	1.0	-10.1	295.6	309.6	5.1	50.0	0.0	0.
7.9	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	17.5	1224.9	875.0	10.0	10.0	99.9	99.9	99.9	99.9	294.7	309.9	99.9	99.9	99.9	99.9
1.5	19.0	1464.4	850.0	7.6	7.6	99.9	99.9	99.9	99.9	294.1	309.9	99.9	99.9	99.9	99.9
2.7	22.1	1709.3	825.0	5.2	1.7	99.9	99.9	99.9	99.9	294.1	309.9	99.9	99.9	99.9	99.9
3.0	24.4	1800.1	800.0	2.9	1.9	350.3	8.9	0.6	-8.9	294.3	309.2	5.3	78.1	1.3	190.
5.1	26.7	2216.7	775.0	0.9	-0.8	344.4	10.9	2.9	-10.5	294.7	307.6	4.7	88.9	2.6	183.
6.3	29.2	2480.0	750.0	1.4	-5.1	331.0	12.2	5.8	-10.7	298.1	308.0	3.5	61.9	3.4	178.
7.2	31.5	2753.5	725.0	0.8	-9.9	326.1	13.1	7.3	-10.9	300.1	307.4	2.5	45.9	4.0	172.
8.2	34.0	3036.5	700.0	-0.8	-11.0	319.9	12.8	10.0	-9.2	301.4	308.6	2.4	45.8	4.7	167.
5.1	36.4	3324.0	675.0	-3.2	-10.1	309.8	13.0	10.0	-8.3	302.1	309.8	2.6	58.9	5.3	163.
10.1	38.9	3621.3	650.0	-5.4	-12.4	299.7	19.4	13.3	-7.6	302.9	309.6	2.3	57.3	6.0	158.
11.1	41.4	3928.1	625.0	-8.4	-14.2	290.3	18.1	17.0	-6.3	305.2	311.4	2.0	54.0	6.7	152.
12.1	44.1	4247.4	600.0	-8.3	-11.1	279.6	21.0	20.7	-3.5	306.2	316.7	2.7	80.0	7.6	145.
13.3	46.8	4576.7	575.0	-10.6	-11.3	271.7	25.4	25.4	-0.8	307.6	316.0	2.4	94.7	8.7	137.
14.6	49.4	4917.7	550.0	-12.7	-15.2	265.1	27.5	27.4	2.4	309.0	315.6	2.2	82.4	10.3	120.
16.1	52.3	5272.0	525.0	-12.7	-17.2	262.1	28.1	27.0	3.9	313.1	315.7	0.8	28.0	12.1	120.
17.3	55.3	5644.6	500.0	-13.6	-21.3	250.7	31.9	30.4	7.2	316.5	318.4	0.6	23.0	13.0	114.
19.6	58.2	6032.4	475.0	-18.8	-22.6	252.3	31.7	30.2	9.6	317.2	319.0	0.5	23.0	15.0	108.
19.9	61.3	6436.3	450.0	-23.0	-24.3	253.3	31.9	30.6	9.2	318.1	319.7	0.5	26.0	17.0	104.
21.5	64.4	6837.5	425.0	-23.3	-28.2	253.3	32.2	31.1	8.1	319.1	320.3	0.3	23.0	20.0	99.
23.1	67.6	7298.0	400.0	-27.1	-30.4	250.8	32.8	31.9	7.5	319.7	320.7	0.3	26.0	23.0	96.
24.7	70.9	7759.2	375.0	-21.1	-33.6	254.7	33.5	32.4	9.0	320.4	321.2	0.2	27.0	26.0	94.
25.4	74.3	8244.0	350.0	-35.7	-37.5	254.9	34.6	33.4	9.0	320.7	321.2	0.1	28.0	29.0	92.
27.2	77.9	8754.3	325.0	-40.3	-39.9	254.7	33.7	32.0	7.0	321.2	321.2	99.9	99.9	33.5	90.
30.1	81.7	9294.6	300.0	-45.0	-39.9	250.7	36.3	35.6	7.1	321.9	321.9	99.9	99.9	37.2	89.
31.9	85.5	9870.2	275.0	-49.6	-39.9	261.6	43.4	42.9	-1.8	324.7	324.7	99.9	99.9	41.4	88.
33.8	89.7	10488.9	250.0	-56.0	-39.9	272.6	39.8	39.7	0.7	330.3	330.3	99.9	99.9	46.4	80.
35.0	94.0	11156.0	225.0	-57.6	-39.9	268.8	33.9	33.9	0.7	330.3	330.3	99.9	99.9	51.1	80.
36.3	98.6	11994.6	200.0	-59.9	-39.9	261.0	31.7	31.3	4.9	338.0	338.0	99.9	99.9	55.4	80.
40.6	103.6	12728.0	175.0	-59.4	-39.9	269.0	31.1	31.1	0.5	351.4	351.4	99.9	99.9	60.4	87.
44.2	109.4	13708.3	150.0	-56.3	-39.9	261.1	22.2	21.0	-4.3	373.1	373.1	99.9	99.9	65.4	80.
47.8	115.5	14871.0	125.0	-55.1	-39.9	273.8	10.7	10.7	-0.7	395.3	395.3	99.9	99.9	69.3	80.
52.3	122.5	16286.2	100.0	-57.0	-39.9	99.9	99.9	99.9	99.9	417.7	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS
28 APRIL 1979
2020 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	RH PCT	RANGE KM	AZ DEG
0.0	17.3	1115.0	806.6	13.4	3.6	40.0	8.0	-5.7	-6.7	296.6	312.1	52.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
10.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
15.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
20.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
25.0	18.5	1225.4	875.0	11.8	9.9	99.9	99.9	99.9	99.9	296.1	99.9	99.9	999.9	999.9
30.0	21.0	1466.1	850.0	9.1	9.9	99.9	99.9	99.9	99.9	295.7	99.9	99.9	999.9	999.9
35.0	23.7	1711.0	825.0	6.3	9.9	99.9	99.9	99.9	99.9	295.3	99.9	99.9	999.9	999.9
40.0	26.3	1962.6	800.0	3.5	1.6	99.9	99.9	99.9	99.9	294.2	99.9	99.9	999.9	999.9
45.0	28.9	2219.5	775.0	1.6	0.0	99.9	99.9	99.9	99.9	293.3	99.9	99.9	999.9	999.9
50.0	31.4	2483.1	750.0	-0.1	-3.6	99.9	99.9	99.9	99.9	292.3	99.9	99.9	999.9	999.9
55.0	34.2	2754.3	725.0	-1.1	-9.0	99.9	99.9	99.9	99.9	291.4	99.9	99.9	999.9	999.9
60.0	37.0	3033.3	700.0	-3.3	-10.4	99.9	99.9	99.9	99.9	290.3	99.9	99.9	999.9	999.9
65.0	39.9	3320.6	675.0	-4.7	-15.4	99.9	99.9	99.9	99.9	289.9	99.9	99.9	999.9	999.9
70.0	42.7	3610.9	650.0	-6.3	-19.9	99.9	99.9	99.9	99.9	289.4	99.9	99.9	999.9	999.9
75.0	45.6	3922.2	625.0	-8.9	-24.9	99.9	99.9	99.9	99.9	288.5	99.9	99.9	999.9	999.9
80.0	48.6	4237.7	600.0	-10.4	-31.4	99.9	99.9	99.9	99.9	287.7	99.9	99.9	999.9	999.9
85.0	51.6	4560.3	575.0	-12.4	-37.9	99.9	99.9	99.9	99.9	286.8	99.9	99.9	999.9	999.9
90.0	54.6	4903.1	550.0	-13.8	-43.9	99.9	99.9	99.9	99.9	285.5	99.9	99.9	999.9	999.9
95.0	57.9	5257.4	525.0	-14.6	-49.9	99.9	99.9	99.9	99.9	284.3	99.9	99.9	999.9	999.9
100.0	61.1	5628.5	500.0	-14.4	-54.6	99.9	99.9	99.9	99.9	283.2	99.9	99.9	999.9	999.9
105.0	64.5	6015.6	475.0	-17.3	-59.9	99.9	99.9	99.9	99.9	282.2	99.9	99.9	999.9	999.9
110.0	67.9	6418.2	450.0	-20.9	-64.9	99.9	99.9	99.9	99.9	281.4	99.9	99.9	999.9	999.9
115.0	71.4	6838.2	425.0	-24.0	-69.9	99.9	99.9	99.9	99.9	280.7	99.9	99.9	999.9	999.9
120.0	75.0	7277.8	400.0	-27.1	-74.9	99.9	99.9	99.9	99.9	280.2	99.9	99.9	999.9	999.9
125.0	78.3	7730.7	375.0	-30.9	-79.9	99.9	99.9	99.9	99.9	279.7	99.9	99.9	999.9	999.9
130.0	82.7	8225.6	350.0	-34.8	-84.9	99.9	99.9	99.9	99.9	279.3	99.9	99.9	999.9	999.9
135.0	86.8	8736.3	325.0	-39.1	-89.9	99.9	99.9	99.9	99.9	278.8	99.9	99.9	999.9	999.9
140.0	91.0	9281.1	300.0	-44.0	-94.9	99.9	99.9	99.9	99.9	278.5	99.9	99.9	999.9	999.9
145.0	95.4	9858.6	275.0	-49.0	-99.9	99.9	99.9	99.9	99.9	278.2	99.9	99.9	999.9	999.9
150.0	100.2	10472.2	250.0	-53.9	-104.9	99.9	99.9	99.9	99.9	277.8	99.9	99.9	999.9	999.9
155.0	99.9	99.9	225.0	-58.9	-109.9	99.9	99.9	99.9	99.9	277.5	99.9	99.9	999.9	999.9
160.0	99.9	99.9	200.0	-63.9	-114.9	99.9	99.9	99.9	99.9	277.2	99.9	99.9	999.9	999.9
165.0	99.9	99.9	175.0	-68.9	-119.9	99.9	99.9	99.9	99.9	276.8	99.9	99.9	999.9	999.9
170.0	99.9	99.9	150.0	-73.9	-124.9	99.9	99.9	99.9	99.9	276.5	99.9	99.9	999.9	999.9
175.0	99.9	99.9	125.0	-78.9	-129.9	99.9	99.9	99.9	99.9	276.2	99.9	99.9	999.9	999.9
180.0	99.9	99.9	100.0	-83.9	-134.9	99.9	99.9	99.9	99.9	275.8	99.9	99.9	999.9	999.9
185.0	99.9	99.9	75.0	-88.9	-139.9	99.9	99.9	99.9	99.9	275.5	99.9	99.9	999.9	999.9
190.0	99.9	99.9	50.0	-93.9	-144.9	99.9	99.9	99.9	99.9	275.2	99.9	99.9	999.9	999.9
195.0	99.9	99.9	25.0	-98.9	-149.9	99.9	99.9	99.9	99.9	274.8	99.9	99.9	999.9	999.9
200.0	99.9	99.9	0.0	-103.9	-154.9	99.9	99.9	99.9	99.9	274.5	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NR. 10
GOODLAND, KANSAS
28 APRIL 1979
2305 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIA DEG	SPEED M/SEC	U CCHP M/SEC	V CCHP M/SEC	POT T DEG K	E POT Y DEG K	WIND CM/SEC	WIND M/SEC	RANGE KM	AZ DEG
0.0	17.4	1115.0	886.5	12.0	0.4	330.0	5.1	2.6	-4.4	296.2	308.5	4.5	42.0	0.0	0.
0.9	09.9	1000.0	1000.0	09.9	-0.9	330.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.9	09.9	975.0	975.0	09.9	09.9	330.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.9	09.9	950.0	950.0	09.9	09.9	330.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.9	09.9	925.0	925.0	09.9	09.9	330.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.9	09.9	900.0	900.0	09.9	09.9	330.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.4	19.5	1220.5	875.0	11.4	1.7	15.9	3.9	-1.1	-3.0	295.4	309.3	5.0	51.4	0.2	153.
1.4	20.9	1428.6	850.0	8.1	0.3	5.7	8.3	-0.5	-5.3	294.6	307.3	4.6	57.7	0.4	171.
2.4	23.4	1711.7	825.0	6.5	-0.1	359.6	6.1	0.0	-0.1	293.4	308.2	4.6	63.0	0.7	177.
3.6	25.0	1943.2	800.0	3.9	-0.2	346.5	7.0	1.0	-0.8	293.4	308.4	4.7	70.5	1.2	175.
4.9	26.3	2220.0	775.0	2.3	-2.4	337.0	9.4	3.6	-0.7	290.2	307.9	4.1	70.6	1.8	171.
6.0	32.9	2485.1	750.0	0.5	-5.2	326.6	13.1	7.2	-10.0	297.2	307.0	3.5	65.5	2.5	164.
7.0	33.5	2756.0	725.0	-1.4	-9.9	320.5	15.5	9.5	-12.0	297.5	307.9	00.9	00.9	3.3	159.
9.0	36.1	3036.4	700.0	-3.2	-9.9	317.2	14.2	9.7	-10.5	298.5	309.0	00.9	00.9	4.3	155.
9.1	39.0	3321.3	675.0	-5.2	-9.7	309.0	14.0	10.9	-8.8	299.6	307.7	2.7	70.7	5.1	151.
12.2	41.4	3616.5	650.0	-7.9	-10.1	305.7	15.4	12.5	-9.0	300.0	307.9	2.7	83.6	5.9	147.
11.4	44.2	3920.3	625.0	-9.0	-13.2	305.6	17.7	14.4	-10.3	301.2	307.0	2.2	76.6	7.1	144.
12.5	47.1	4236.5	600.0	-11.5	-23.0	301.3	22.9	19.6	-11.9	302.6	305.7	0.9	35.3	8.3	141.
13.9	50.0	4559.8	575.0	-14.4	-26.1	295.7	24.5	22.1	-10.4	303.2	305.6	0.0	36.1	9.8	137.
15.0	53.0	4864.2	550.0	-16.7	-29.1	287.5	24.4	25.2	-7.9	304.2	308.6	1.4	75.2	11.7	133.
16.0	56.0	5252.8	525.0	-18.1	-30.0	273.1	24.0	24.0	-1.3	306.7	311.7	1.6	92.7	13.2	129.
17.2	59.1	5605.9	500.0	-20.6	-33.3	260.2	22.7	22.4	3.9	307.5	312.3	1.4	92.7	14.3	125.
17.5	62.3	5904.2	475.0	-22.9	-35.6	240.0	25.6	25.2	4.4	309.6	313.4	1.2	92.1	15.7	120.
17.9	65.6	6370.7	450.0	-25.6	-37.1	229.9	29.9	29.9	00.9	311.1	314.1	0.9	87.0	00.9	00.9
21.2	65.0	6790.0	425.0	-28.2	-37.2	209.9	29.9	29.9	00.9	312.8	314.1	0.4	41.5	00.9	00.9
0.9	09.9	99.9	400.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	375.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	350.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	325.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	300.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	275.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	250.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	225.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	200.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	175.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	150.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	125.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	100.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	75.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	50.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.9	09.9	99.9	25.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS
26 APRIL 1979
205 GAT

TIME MIN	CHTCY	HEIGHT GPM	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MIX MTS G/MG	RM PCV	RANGE KM	110 130. 0
3.0	17.9	1112.0	806.7	10.3	-1.4	300.0	4.1	9.0	-4.1	293.4	304.1	3.9	44.0	0.0	0.
5.0	9.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
7.0	9.9	59.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
11.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
13.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
15.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
17.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
19.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
21.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
23.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
25.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
27.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
29.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
31.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
33.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
35.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
41.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
43.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
45.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
47.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
49.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
51.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
53.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
55.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
57.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
61.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
63.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
65.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
67.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
69.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
71.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
73.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
75.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
77.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
79.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
81.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
83.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
85.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
87.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
89.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
91.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
93.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
95.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
 GOOGLAND, KANSAS

 26 APRIL 1979
 012 647

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	H2 RTH CM/KG	RH PCT	RANGE KM	AZ DEG
3.0	17.2	1115.0	887.2	-4.4	-1.8	250.0	4.1	3.9	1.4	287.2	297.4	3.8	84.0	0.0	0.
0.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	18.5	1230.1	875.0	11.5	4.1	313.4	1.9	1.4	-1.3	295.8	312.2	0.1	81.8	0.1	99.
1.2	20.9	1672.0	850.0	10.0	-1.6	309.4	2.7	2.1	-1.7	296.4	307.9	4.0	44.3	0.2	112.
2.2	23.4	1719.3	825.0	8.0	-3.1	307.2	3.9	3.1	-2.3	293.6	307.4	3.7	45.8	0.4	110.
3.2	26.0	1972.2	800.0	5.5	1.4	309.1	6.8	4.6	-3.8	297.0	311.7	5.3	75.0	0.7	120.
4.2	28.5	2231.4	775.0	3.0	-0.1	311.9	8.9	9.5	-7.0	298.0	311.6	4.9	75.1	1.1	120.
5.2	31.1	2657.3	750.0	2.1	99.9	323.2	12.6	7.5	-10.1	298.0	999.9	99.9	999.9	1.0	133.
6.3	33.8	2765.6	725.0	-0.1	99.9	320.3	14.8	9.5	-11.4	299.3	999.9	99.9	999.9	2.7	137.
7.4	35.5	3040.2	700.0	-2.3	99.9	317.5	16.2	10.9	-11.9	299.5	999.9	99.9	999.9	3.7	137.
8.5	39.2	3338.6	675.0	-4.0	99.9	317.5	15.6	13.3	-14.8	300.5	999.9	99.9	999.9	4.3	137.
9.6	42.0	3631.9	650.0	-6.0	99.9	317.1	21.5	14.6	-15.7	301.2	999.9	99.9	999.9	6.2	137.
10.9	44.9	3936.5	625.0	-8.2	99.9	312.3	21.1	15.6	-14.2	301.9	999.9	99.9	999.9	7.7	137.
11.5	47.8	4251.1	600.0	-11.4	-18.2	309.4	20.3	15.7	-12.9	303.0	307.1	1.5	54.9	9.2	130.
13.2	50.9	4576.2	575.0	-13.7	-23.9	309.7	18.6	14.3	-11.9	303.9	306.1	1.9	41.7	10.7	135.
14.5	53.8	4912.4	550.0	-16.1	-28.2	314.2	16.7	13.3	-10.1	304.5	307.1	0.7	34.8	12.0	134.
15.8	56.9	5261.0	525.0	-18.9	-34.7	306.7	15.9	12.8	-9.5	305.7	307.0	0.4	23.0	13.3	133.
17.4	60.1	5622.1	500.0	-22.1	-35.5	304.2	14.8	11.4	-7.9	306.1	307.2	0.3	25.7	14.6	133.
19.8	63.4	5950.7	475.0	-25.5	-40.3	304.0	13.5	11.1	-7.7	304.2	307.3	0.2	23.4	15.0	132.
21.4	66.7	6307.1	450.0	-27.7	-44.7	314.2	11.9	8.5	-6.3	304.5	309.0	0.2	17.9	17.0	132.
23.6	71.7	7224.2	400.0	-33.3	-51.7	299.5	17.6	15.3	-8.7	311.7	312.0	0.1	15.6	18.1	132.
25.1	77.4	7674.9	375.0	-36.0	-53.0	293.6	21.2	19.4	-8.5	314.0	314.3	0.1	13.6	19.6	131.
26.7	81.3	8150.3	350.0	-39.3	-56.4	297.7	32.8	30.5	-9.7	319.7	315.9	0.0	14.2	21.3	130.
28.5	85.3	8655.3	325.0	-41.7	99.9	283.7	35.3	34.3	-8.4	319.3	999.9	99.9	999.9	23.7	120.
30.5	89.5	9195.1	300.0	-44.1	99.9	285.3	46.3	44.6	-12.2	323.3	999.9	99.9	999.9	31.7	125.
32.8	93.0	9773.8	275.0	-48.4	99.9	285.0	47.6	45.9	-15.3	329.1	999.9	99.9	999.9	38.3	119.
35.2	98.4	10357.2	250.0	-51.1	99.9	99.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	44.7	117.
39.4	99.5	99.9	225.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
42.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
46.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
50.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
54.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
58.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
62.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
66.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
70.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
74.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 * BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 10
GOODLAND, KANSAS
26 APRIL 1979
027 GMT

TIME MIN	CATCY	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
7.0	16.3	1115.0	887.1	3.5	-0.3	250.0	4.1	3.9	1.4	286.3	297.5	4.2	76.0	0.0	0
9.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	17.4	1227.5	875.0	6.8	1.5	262.4	4.0	3.9	0.5	290.5	304.1	4.9	69.8	0.1	90
1.5	19.4	1467.8	850.0	9.0	-1.0	262.1	5.6	9.6	0.6	295.6	307.2	4.2	49.4	0.3	89
2.4	21.9	1714.4	825.0	7.3	-2.4	271.1	10.4	10.4	-0.2	296.2	307.2	3.9	50.2	0.9	80
3.4	24.2	1866.8	800.0	5.1	-3.1	282.4	6.5	6.3	-1.4	296.2	307.2	3.8	55.4	1.3	90
4.3	26.5	2225.1	775.0	3.0	-5.2	305.9	6.9	5.5	-4.2	297.0	306.5	3.4	58.0	1.6	95
5.4	29.9	2458.0	750.0	1.6	-6.8	315.4	10.6	7.6	-7.4	298.4	307.2	3.1	53.5	2.1	104
6.4	31.3	2722.6	725.0	-0.1	-8.2	316.3	13.4	9.2	-9.7	298.4	307.6	2.8	54.0	2.8	113
7.5	33.8	3042.6	700.0	-2.3	-10.7	319.0	16.3	11.7	-11.3	299.5	307.8	2.4	62.4	3.7	118
8.6	36.2	3330.4	675.0	-4.6	-12.9	315.6	17.2	12.0	-12.3	300.2	306.2	1.9	55.7	6.0	125
9.6	39.8	3626.1	650.0	-7.4	-14.7	320.6	17.1	10.8	-13.2	300.2	306.2	1.9	55.7	6.0	125
11.0	41.3	3934.6	625.0	-5.7	-17.2	321.1	16.6	10.4	-12.9	301.4	306.2	1.6	54.2	7.1	128
12.2	44.0	4244.3	600.0	-12.0	-20.4	316.2	15.9	11.4	-11.1	302.2	306.1	1.2	49.3	8.3	130
13.4	46.7	4565.2	575.0	-13.9	-26.1	305.1	14.2	11.5	-8.4	303.7	306.2	0.8	34.7	9.4	130
14.6	49.4	4905.0	550.0	-16.8	-29.9	303.3	14.0	11.7	-7.7	304.1	306.0	0.6	30.9	10.4	129
15.8	52.2	5252.6	525.0	-19.2	-36.0	305.1	14.2	11.6	-8.1	305.4	306.5	0.3	20.7	11.4	129
17.1	55.1	5613.2	500.0	-22.3	-38.7	298.1	13.4	11.7	-8.5	305.2	306.7	0.3	20.7	12.5	128
18.5	59.0	5958.1	475.0	-25.3	-42.1	303.1	13.5	11.3	-7.4	306.6	307.3	0.2	19.0	13.5	127
19.9	61.0	6379.3	450.0	-26.9	-45.9	319.8	12.0	7.7	-9.2	309.4	309.9	0.1	14.5	14.7	128
21.4	64.1	6785.8	425.0	-29.4	-47.8	321.4	6.7	5.4	-6.8	311.4	311.8	0.1	14.8	15.6	129
23.0	67.3	7220.2	400.0	-32.4	-47.6	325.1	7.2	4.1	-5.9	312.9	313.3	0.1	20.2	16.3	129
24.6	70.6	7671.8	375.0	-36.0	-50.0	310.9	7.1	5.3	-4.6	314.0	314.3	0.1	21.9	16.9	130
26.3	74.0	8147.1	350.0	-35.9	-53.2	298.4	9.4	6.3	-4.5	315.0	315.3	0.1	22.2	17.7	129
28.1	77.6	8650.4	325.0	-42.9	-59.9	309.5	15.2	13.1	-7.7	317.5	317.5	99.9	99.9	19.8	129
30.1	81.3	9186.8	300.0	-45.7	-59.9	298.3	25.2	22.9	-10.4	321.0	321.0	99.9	99.9	21.2	127
32.2	85.3	9764.2	275.0	-47.8	-59.9	289.1	32.1	30.5	-10.0	320.1	320.1	99.9	99.9	24.8	125
34.4	89.5	10368.8	250.0	-51.0	-59.9	284.1	37.0	35.9	-9.0	330.2	330.2	99.9	99.9	29.3	122
36.7	93.9	11072.7	225.0	-52.0	-59.9	285.5	37.5	36.1	-10.0	338.1	338.1	99.9	99.9	34.2	119
38.4	99.4	11828.0	200.0	-58.4	-59.9	291.5	32.1	29.8	-11.8	345.1	345.1	99.9	99.9	40.0	118
42.7	103.6	12683.3	175.0	-44.3	-59.9	289.1	26.6	25.2	-8.7	360.2	360.2	99.9	99.9	45.3	117
46.3	109.0	13668.6	150.0	-55.2	-59.9	289.8	25.0	23.5	-8.8	374.5	374.5	99.9	99.9	51.1	116
50.5	115.0	14832.5	125.0	-54.6	-59.9	282.0	17.3	16.9	-3.6	392.4	392.4	99.9	99.9	56.0	115
52.5	122.0	16246.2	100.0	-57.6	-59.9	99.9	99.9	99.9	99.9	416.2	416.2	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOSSLAND, KANSAS
26 APRIL 1979
1128 GMT

TIME M14	CHTCY	HEIGHT CM	WES MO	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB 7 DEG	E POT 8 DEG	MR RTO GM/SEC	RM PCT	RANGE KM	AZ DEG
2.0	16.7	1115.0	885.5	1.5	-1.6	278.0	4.1	4.1	0.0	284.2	294.5	3.9	60.0	0.0	0.
92.9	99.0	59.9	1000.0	95.0	59.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	955.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
92.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
92.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
5.4	17.7	1222.1	875.0	62.0	99.9	269.9	11.2	11.2	0.0	292.3	299.9	4.5	49.5	0.3	0.
1.3	20.9	1462.8	850.0	16.1	0.1	271.9	9.0	9.0	-0.3	296.6	309.4	4.5	49.5	0.3	0.
2.4	22.4	1710.6	825.0	8.5	-2.5	279.1	8.3	8.2	-1.3	297.6	309.5	3.9	45.8	1.3	91.
3.4	24.7	1964.1	800.0	6.2	-2.3	280.0	7.8	7.7	-1.3	297.8	309.2	4.1	54.5	1.0	94.
4.6	27.1	2223.2	775.0	2.5	-0.7	283.4	9.4	9.2	-2.2	297.6	310.7	4.7	74.0	2.3	96.
5.5	29.5	2498.6	750.0	1.3	-0.9	290.0	11.7	11.5	-2.0	298.8	311.3	4.0	85.4	2.9	97.
4.6	31.9	2761.0	725.0	-0.5	-4.4	291.0	13.1	12.3	-4.7	298.8	309.7	3.8	74.0	3.7	98.
7.5	34.3	3048.8	700.0	-2.5	-9.5	324.7	13.1	10.8	-7.5	299.7	307.5	2.7	58.7	4.5	102.
5.4	34.5	3328.3	675.0	-5.5	-11.3	310.9	13.6	10.3	-8.9	300.0	307.0	2.4	61.4	5.3	106.
5.7	37.4	3523.7	650.0	-7.5	-13.4	316.0	13.1	9.1	-9.9	300.2	306.7	2.1	62.8	6.0	110.
11.0	42.3	3927.5	625.0	-10.3	-15.5	314.1	14.1	10.1	-9.0	300.7	306.2	1.8	65.3	6.9	113.
12.1	44.7	4240.9	600.0	-12.3	-25.1	310.2	14.1	10.7	-9.1	301.5	305.7	0.8	33.4	7.9	114.
13.3	47.3	4545.6	575.0	-13.6	-30.7	302.6	14.7	12.4	-7.9	304.1	305.7	0.5	22.1	8.9	117.
14.8	53.1	4901.4	550.0	-16.0	-31.2	302.0	14.6	12.4	-7.8	304.2	305.0	0.5	27.3	10.2	118.
14.1	52.9	5245.0	525.0	-19.1	-35.9	299.5	14.0	12.7	-7.2	305.4	306.6	0.3	21.0	11.3	118.
17.4	55.0	5610.4	500.0	-21.6	-39.7	303.1	12.1	10.1	-6.6	306.8	307.6	0.2	17.9	12.4	118.
19.9	59.5	5987.0	475.0	-23.6	-42.4	313.3	11.1	8.1	-7.6	308.8	309.5	0.2	15.7	13.3	119.
22.4	61.8	6388.4	450.0	-26.1	-49.6	322.4	11.2	6.8	-8.0	310.2	311.4	0.2	26.8	14.4	120.
22.1	64.7	6791.9	425.0	-28.7	-41.2	307.1	10.4	8.3	-6.3	312.7	313.1	0.2	29.0	15.4	122.
21.8	69.1	7223.2	400.0	-31.9	-43.9	297.0	11.5	10.2	-8.2	313.6	314.2	0.2	28.9	16.4	121.
21.5	71.4	7675.8	375.0	-35.9	-47.5	304.8	11.2	9.2	-8.4	314.6	314.5	0.1	29.0	17.4	121.
27.5	74.9	8152.1	350.0	-39.0	-50.2	307.0	11.8	10.2	-7.7	316.2	316.6	0.1	29.1	19.1	122.
34.9	79.4	8651.4	325.0	-42.7	-59.9	313.6	14.9	10.8	-10.3	317.8	319.9	99.9	999.9	20.8	122.
31.7	82.1	9192.8	300.0	-45.0	-69.9	310.5	16.6	12.6	-10.0	320.8	320.9	99.9	999.9	22.7	123.
33.9	85.0	9747.3	275.0	-46.1	-69.9	308.0	20.1	17.4	-10.1	324.1	324.1	99.9	999.9	25.0	123.
34.9	93.2	10380.5	250.0	-52.0	-99.9	297.1	27.0	26.0	-12.3	328.0	328.0	99.9	999.9	28.4	123.
35.1	94.6	11067.6	225.0	-53.0	-99.9	296.4	29.2	28.7	-13.3	336.0	336.0	99.9	999.9	33.0	122.
41.9	99.2	11823.2	200.0	-54.9	-99.9	292.4	31.1	28.7	-11.0	345.8	345.8	99.9	999.9	38.5	121.
45.1	104.2	12677.5	175.0	-54.9	-99.9	290.7	27.7	25.9	-9.0	359.3	359.3	99.9	999.9	43.8	120.
42.0	103.9	13657.6	150.0	-55.5	-99.9	295.6	25.4	22.9	-11.0	374.6	374.6	99.9	999.9	50.0	119.
53.0	115.9	14826.3	125.0	-55.2	-99.9	283.4	19.2	16.7	-4.4	395.1	395.1	99.9	999.9	56.1	118.
54.1	122.8	16248.9	100.0	-54.9	-99.9	599.9	99.9	99.9	99.9	421.6	421.6	99.9	999.9	999.9	999.9
92.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.5	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 16
 JUNCTION, TEXAS

 28 APRIL 1970
 1120 GMT

110 42.0 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCOMP M/SEC	V CCOMP M/SEC	POV T DEG M	E POT T DEG K	W RTO CM/SEC	RH PCT	RANGE KM	AZ DEG
3.0	11.1	521.0	947.1	17.0	15.2	120.0	0.5	-0.4	0.2	294.7	324.9	11.6	99.0	0.0	0.
4.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.0	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.0	12.9	723.4	925.0	17.2	16.0	203.3	0.5	3.0	0.0	296.9	329.7	12.5	92.9	0.3	20.
8.0	15.2	957.6	900.0	16.1	15.0	198.2	12.2	3.0	11.6	298.1	330.0	12.0	93.2	0.7	22.
9.0	17.4	1197.1	875.0	16.0	11.2	115.6	13.4	4.0	11.5	303.4	330.2	9.0	62.4	1.6	22.
10.0	19.6	1409.6	850.0	21.9	0.0	215.6	11.5	6.7	9.4	309.2	323.2	4.0	25.0	2.3	27.
11.0	21.9	1708.1	825.0	21.4	-1.0	210.2	10.0	0.0	0.9	311.2	324.0	4.3	22.2	2.9	20.
12.0	24.2	1973.6	800.0	19.7	-0.9	233.3	7.3	9.0	4.4	312.1	325.5	4.5	25.0	3.0	33.
13.0	26.5	2245.6	775.0	17.2	-0.8	265.1	7.3	7.3	0.6	312.7	326.1	4.7	25.3	3.0	33.
14.0	28.9	2524.0	750.0	14.8	0.2	276.7	7.3	7.2	-0.8	312.7	327.0	5.2	34.0	0.0	30.
15.0	31.4	2809.5	725.0	11.9	-0.4	288.2	6.0	9.7	-1.0	312.5	327.6	5.2	42.8	0.2	44.
16.0	33.8	3192.3	700.0	9.4	-2.6	288.4	5.0	4.7	-1.6	313.0	326.4	4.5	42.7	0.3	47.
17.0	36.3	3402.5	675.0	6.0	-4.7	288.2	9.7	9.5	-1.0	313.2	325.2	4.0	43.7	0.5	51.
18.0	38.9	3711.0	650.0	3.9	-5.5	287.7	0.2	7.8	-2.5	313.4	325.1	3.9	50.2	0.7	55.
19.0	41.4	4026.6	625.0	1.2	-7.2	295.1	10.1	9.2	-3.3	313.9	324.6	3.6	53.3	0.1	60.
20.0	44.1	4355.3	600.0	-2.0	-8.6	300.8	11.9	10.2	-4.1	313.6	323.9	3.3	60.5	0.5	67.
21.0	46.8	4692.1	575.0	-5.0	-11.7	298.2	15.0	13.9	-7.5	314.1	322.5	2.7	59.3	0.1	74.
22.0	49.6	5040.1	550.0	-7.5	-10.3	299.2	16.0	15.7	-8.8	319.2	320.6	1.7	42.1	7.1	81.
23.0	52.4	5400.0	525.0	-5.8	-20.2	295.5	15.7	14.2	-6.7	316.7	318.7	0.6	16.9	0.2	87.
24.0	55.4	5775.9	500.0	-11.6	-30.4	281.7	13.2	12.9	-2.7	318.5	319.0	0.3	8.9	9.4	90.
25.0	58.3	6167.4	475.0	-13.8	-38.7	277.1	12.0	12.7	-1.6	320.5	321.9	0.3	10.2	10.4	91.
26.0	61.4	6578.5	450.0	-17.3	-31.6	285.4	12.4	12.0	-3.3	321.5	323.6	0.6	27.6	11.3	92.
27.0	64.6	7000.9	425.0	-20.7	-29.4	289.9	15.7	14.0	-5.4	322.3	325.2	0.8	45.2	12.4	93.
28.0	67.9	7447.1	400.0	-23.6	-40.5	297.1	18.1	17.3	-5.3	324.3	324.8	0.1	10.1	14.0	94.
29.0	71.3	7910.9	375.0	-28.0	-35.2	286.4	20.6	19.7	-5.8	324.6	326.4	0.5	50.8	15.8	96.
30.0	74.7	8404.1	350.0	-32.3	-30.4	291.5	22.9	21.3	-8.4	325.3	326.9	0.5	60.3	16.0	99.
31.0	78.4	8924.5	325.0	-36.6	-41.0	294.0	23.6	21.5	-9.6	326.3	327.5	0.3	63.1	20.6	100.
32.0	82.2	9473.8	300.0	-41.1	99.9	292.4	24.0	23.0	-9.5	327.4	329.9	99.9	99.9	23.4	101.
33.0	86.2	10059.2	275.0	-45.9	99.9	297.9	27.8	24.5	-13.0	328.0	329.9	99.9	99.9	26.6	103.
34.0	90.3	10607.0	250.0	-50.4	99.9	306.4	32.0	26.5	-19.5	330.9	329.9	99.9	99.9	30.1	105.
35.0	94.3	11365.3	225.0	-54.1	99.9	308.1	38.4	30.2	-23.7	332.5	329.9	99.9	99.9	34.0	108.
36.0	99.6	12109.5	200.0	-60.5	99.9	311.1	34.2	25.8	-22.8	337.0	329.9	99.9	99.9	39.6	111.
37.0	104.8	12928.4	175.0	-64.8	99.9	312.2	41.0	30.4	-27.0	342.9	329.9	99.9	99.9	45.0	114.
38.0	110.3	13842.5	150.0	-68.4	99.9	305.0	35.1	28.7	-20.1	352.4	329.9	99.9	99.9	52.2	116.
39.0	115.5	14959.6	125.0	-63.8	99.9	289.1	30.0	28.3	-9.8	379.4	329.9	99.9	99.9	58.3	118.
40.0	121.3	16337.1	100.0	-63.2	99.9	99.9	99.9	99.9	99.9	405.7	329.9	99.9	99.9	99.9	99.9
41.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	99.9	99.9	99.9
42.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	99.9	99.9	99.9
43.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	99.9	99.9	99.9

 0.97 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0.97 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 12
JUNCTION, TEXAS

25 APRIL 1979
1413 GAT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP CG C	DW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT V DG K	WX RTO CM/KG	RH PCV	RANGE KM	AZ DG
0.0	11.0	521.0	946.8	21.0	16.6	220.0	5.1	3.3	3.9	298.8	332.4	12.7	76.0	0.0	0.
0.9	50.9	59.9	1000.0	55.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	12.9	722.3	525.0	18.6	15.1	206.9	7.2	3.3	6.5	298.2	329.5	11.8	80.0	0.3	33.
1.5	15.1	957.5	900.0	17.4	14.7	208.9	11.5	5.5	10.0	299.5	331.0	11.8	84.3	0.8	29.
2.5	17.3	1200.8	875.0	21.9	9.2	222.2	12.9	8.7	9.6	306.6	330.1	8.4	44.4	1.5	32.
3.5	19.5	1453.0	850.0	22.2	7.3	232.5	13.8	10.9	8.4	309.4	331.0	7.6	38.6	2.3	37.
4.6	21.7	1711.6	825.0	20.6	7.7	242.6	11.9	10.6	5.5	310.4	333.3	8.1	43.5	3.1	43.
5.6	24.0	1976.8	800.0	18.9	6.0	263.7	6.0	7.9	7.9	311.2	332.4	7.3	42.7	3.7	47.
6.5	26.3	2249.0	775.0	17.3	4.1	282.9	6.8	6.6	-1.5	312.4	331.7	6.6	41.4	3.9	51.
7.6	28.6	2527.9	750.0	14.9	2.9	274.9	7.2	7.2	-0.6	312.7	331.1	6.3	44.5	4.2	56.
8.6	31.0	2813.4	725.0	12.1	1.6	277.4	5.5	5.4	-0.7	312.6	330.2	5.9	48.4	4.6	58.
9.6	33.5	3166.5	700.0	9.5	-0.0	271.7	5.2	5.2	-0.2	313.0	329.1	5.5	51.4	4.8	61.
10.0	35.7	3407.0	675.0	6.8	-2.3	270.2	6.6	6.6	-0.8	313.3	327.6	4.8	52.3	5.1	63.
11.9	38.4	3715.9	650.0	4.0	-4.1	276.3	7.9	7.5	-0.8	313.2	326.5	4.3	55.3	5.6	66.
12.9	41.0	4033.2	625.0	1.2	-6.9	285.6	8.4	8.1	-2.2	313.4	324.8	3.6	54.7	6.3	69.
14.2	43.7	4360.5	600.0	-1.8	-7.1	286.1	10.9	10.5	-3.0	314.1	325.4	3.8	67.0	6.6	72.
15.4	46.3	4657.7	575.0	-4.9	-7.1	286.4	15.0	14.4	-4.2	314.2	326.2	4.0	85.7	7.3	76.
16.5	49.0	5046.2	550.0	-6.7	-15.4	292.1	17.3	16.1	-6.5	316.1	322.7	2.1	50.1	8.3	80.
17.7	51.8	5407.9	525.0	-9.4	-24.1	289.7	17.0	16.0	-5.7	317.2	320.8	1.1	30.4	9.4	84.
18.8	54.6	5784.2	500.0	-10.8	-24.9	283.8	16.3	15.9	-3.9	319.5	323.2	1.0	30.0	10.4	87.
20.1	57.5	6177.0	475.0	-13.1	-23.0	284.1	16.3	15.8	-4.0	321.9	325.3	1.1	30.2	11.6	88.
21.5	60.6	6565.9	450.0	-16.9	-35.7	283.8	15.2	14.4	-4.9	321.9	325.4	1.0	46.2	12.9	90.
23.2	63.8	7012.0	425.0	-20.6	-35.6	282.8	17.1	15.6	-6.6	322.2	326.3	1.1	64.3	14.3	93.
24.6	67.0	7457.9	400.0	-23.6	-35.8	283.8	19.3	18.4	-6.3	324.4	326.9	0.7	51.3	15.8	94.
26.2	70.3	7925.8	375.0	-27.3	-32.9	287.2	20.3	19.6	-6.1	325.2	327.7	0.6	58.3	17.7	96.
27.9	73.8	8419.7	350.0	-31.1	-39.5	289.2	22.7	21.4	-7.5	326.9	328.3	0.4	47.8	19.8	97.
29.8	77.4	8842.0	325.0	-34.7	-43.4	293.2	25.4	23.3	-10.0	328.6	329.8	0.2	40.3	22.4	98.
31.8	81.2	9359.9	300.0	-39.3	59.9	301.2	28.1	24.0	-14.5	330.1	999.9	99.9	999.9	25.6	101.
33.9	85.2	10335.3	275.0	-44.6	59.9	307.7	29.8	23.6	-18.2	330.6	999.9	99.9	999.9	28.7	104.
35.9	89.3	11356.6	250.0	-50.1	99.9	305.5	32.2	24.3	-18.7	331.7	999.9	99.9	999.9	32.3	107.
38.2	93.3	12356.2	225.0	-55.4	99.9	299.8	36.6	31.8	-18.2	333.6	999.9	99.9	999.9	37.0	109.
40.5	97.4	13339.0	200.0	-60.4	59.9	303.8	34.7	28.8	-19.3	337.2	999.9	99.9	999.9	41.8	110.
43.0	103.6	14363.2	175.0	-63.0	99.9	307.3	45.7	26.3	-27.7	346.4	999.9	99.9	999.9	47.7	112.
45.8	109.2	15003.6	150.0	-67.3	99.9	308.4	33.2	26.7	-19.7	354.2	999.9	99.9	999.9	54.1	114.
49.3	115.3	15303.4	125.0	-64.6	99.9	291.9	30.4	20.2	-11.3	378.1	999.9	99.9	999.9	60.5	116.
53.3	122.3	16378.9	100.0	-63.3	99.9	99.9	99.9	99.9	99.9	405.5	999.9	99.9	999.9	67.0	115.
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS

25 APRIL 1979
1710 GMT

TIME MIN	CATCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	11.6	521.0	145.6	30.5	16.5	20.0	5.1	3.3	3.9	308.5	343.3	12.6	43.0	130	87.0
99.9	99.9	99.9	1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
3.9	13.6	725.8	925.0	26.3	15.0	23.2	8.6	6.9	5.2	306.2	339.3	11.7	49.9	8.4	44.0
1.5	14.0	566.9	900.0	24.3	14.5	24.6	6.8	6.3	2.5	306.6	338.6	11.6	54.2	0.7	52.0
2.3	18.5	1212.7	875.0	21.5	12.7	25.1	6.8	6.7	1.4	306.1	335.4	10.6	57.3	1.0	58.0
3.4	21.0	1463.8	850.0	21.6	2.2	29.2	9.4	9.3	1.7	308.8	324.1	5.3	27.7	1.4	78.0
4.3	23.5	1722.4	825.0	21.2	-4.2	28.3	9.5	9.2	-2.2	311.0	321.2	3.4	17.6	1.9	79.0
5.3	26.0	1987.2	800.0	19.2	-5.7	27.3	6.9	6.9	-0.3	311.6	321.1	3.1	18.0	2.4	83.0
6.4	28.6	2256.8	775.0	17.5	-8.5	26.1	5.7	5.7	0.8	312.6	320.6	2.6	16.0	2.8	83.0
7.5	31.2	2537.3	750.0	15.1	-10.0	26.0	4.2	4.2	0.6	313.4	320.4	2.4	16.7	3.1	84.0
9.6	33.9	2822.8	725.0	12.7	-8.7	26.7	4.9	4.6	1.8	313.4	321.8	2.7	21.6	3.4	83.0
7.7	35.7	3115.7	700.0	9.9	-7.8	26.4	5.2	4.9	1.9	313.5	322.7	3.0	28.0	3.7	81.0
12.8	37.4	3416.6	675.0	7.6	-7.1	25.9	6.5	6.3	1.7	314.1	324.2	3.3	34.5	4.1	88.0
13.0	45.0	4043.9	625.0	2.0	-6.5	26.7	12.8	12.7	1.6	314.7	326.1	3.8	53.2	5.3	80.0
14.2	47.9	4371.5	600.0	-1.0	-6.1	26.2	15.9	15.9	0.5	315.0	325.3	3.5	58.5	6.3	91.0
15.4	50.9	4769.7	575.0	-4.2	-5.6	27.6	17.9	17.7	-2.7	315.1	328.3	4.4	90.3	7.6	83.0
14.7	50.0	5058.8	550.0	-6.6	-16.4	28.9	18.3	17.5	-5.3	316.3	322.4	1.9	45.6	9.0	86.0
14.0	57.1	5421.8	525.0	-7.6	-22.2	29.0	17.8	16.4	-6.9	319.3	323.3	1.2	29.9	10.3	89.0
17.3	63.3	5759.7	500.0	-10.4	-22.3	29.5	15.2	14.2	-5.3	320.3	324.5	1.3	36.9	11.5	92.0
23.6	63.6	6192.3	475.0	-13.6	-24.8	28.8	14.1	13.4	-4.6	321.2	324.7	1.1	38.1	12.5	93.0
21.9	69.9	6601.0	450.0	-16.6	-24.0	29.9	15.9	14.7	-5.9	322.4	326.2	1.1	48.9	13.6	95.0
27.5	70.4	7028.0	425.0	-20.0	-29.0	28.9	18.6	17.4	-6.3	323.3	326.1	0.8	44.2	15.2	96.0
25.2	74.0	7474.2	400.0	-23.2	-30.7	29.1	21.4	18.9	-10.1	324.9	326.3	0.4	27.6	17.2	98.0
27.2	77.8	7946.3	375.0	-26.2	-33.9	30.5	23.3	19.6	-12.5	327.0	327.7	0.2	16.9	19.8	102.0
25.1	81.7	8439.3	350.0	-30.5	-37.6	30.4	21.6	18.0	-11.9	327.6	328.1	0.1	16.9	22.2	100.0
31.0	85.7	8900.8	325.0	-35.2	-51.1	30.8	23.9	18.6	-15.0	328.2	328.6	0.1	17.6	24.5	100.0
37.8	88.8	9513.3	300.0	-39.8	-53.8	31.6	28.1	21.0	-18.7	329.2	329.6	0.1	20.5	27.1	109.0
37.1	90.0	10731.7	275.0	-44.8	99.9	31.2	32.7	24.2	-22.1	330.2	329.9	99.9	99.9	30.5	111.0
37.5	103.8	11410.4	225.0	-50.3	99.9	30.6	31.5	24.6	-19.7	331.3	329.9	99.9	99.9	34.9	114.0
41.9	109.2	12158.7	200.0	-56.0	99.9	30.0	35.4	30.8	-18.8	332.7	329.9	99.9	99.9	39.0	115.0
44.3	114.9	12988.1	175.0	-61.3	99.9	29.2	46.2	40.3	-22.6	337.4	329.9	99.9	99.9	45.4	118.0
47.1	121.0	13923.1	150.0	-66.6	99.9	30.8	44.6	36.7	-31.9	348.6	329.9	99.9	99.9	51.7	117.0
50.6	128.0	15021.7	125.0	-84.6	99.9	29.3	30.9	28.6	-25.5	353.4	329.9	99.9	99.9	58.1	118.0
54.6	135.7	16354.1	100.0	-82.8	99.9	29.9	99.9	99.9	-11.7	378.0	329.9	99.9	99.9	64.5	118.0
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	406.4	329.9	99.9	99.9	71.4	118.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS

25 APRIL 1979
2305 EDT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DIR DEG C	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POP HT DEG K	E POT T DEG K	MX WFO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	11.7	521.0	943.2	29.0	13.2	300.0	0.0	0.0	307.3	335.0	10.2	30.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	13.5	655.1	925.0	30.0	3.9	269.5	0.5	0.5	310.6	326.3	5.3	17.7	0.2	70.
1.7	15.9	938.8	900.0	28.3	1.2	275.3	0.5	0.5	310.7	324.4	4.7	17.3	0.6	68.
2.6	18.3	1187.3	875.0	26.1	-0.0	271.7	7.1	7.1	311.0	323.9	4.4	18.0	1.0	90.
3.6	20.7	1441.3	850.0	23.9	-1.1	273.0	7.4	7.4	311.2	323.5	4.2	19.9	1.4	91.
4.5	23.2	1700.6	825.0	21.3	-2.5	276.5	8.8	8.8	311.1	322.6	3.9	20.0	1.0	91.
5.3	25.7	1965.6	800.0	18.9	-3.9	269.3	11.0	11.0	311.2	322.6	3.6	21.3	2.3	91.
6.3	29.2	2236.7	775.0	16.5	-5.1	269.3	12.0	12.0	311.5	321.6	3.4	22.2	3.0	90.
7.4	30.8	2514.2	750.0	13.9	-6.1	267.7	14.8	14.8	311.7	321.4	3.2	24.4	4.9	90.
8.5	33.4	2752.9	725.0	11.0	-7.0	266.5	16.2	16.2	312.0	322.2	3.0	26.0	6.0	89.
9.5	36.1	3091.2	700.0	9.6	-8.0	269.6	18.3	18.3	313.1	322.2	3.0	27.9	7.1	90.
10.7	39.8	3391.5	675.0	7.5	-16.2	277.7	16.9	16.7	314.1	319.1	1.6	16.6	17.1	91.
11.7	41.6	3700.6	650.0	4.7	-18.2	282.2	16.8	16.5	316.3	318.6	1.4	17.1	19.4	93.
12.9	44.4	4018.7	625.0	2.4	-18.0	286.5	16.6	15.9	317.6	318.6	1.3	19.4	23.6	95.
14.1	47.3	4347.0	600.0	0.1	-16.1	294.7	16.9	15.4	319.7	319.7	1.3	23.6	28.1	97.
15.4	50.2	4686.9	575.0	-1.9	-13.7	298.9	17.0	15.7	321.1	325.1	2.3	28.1	33.2	99.
16.4	53.1	5038.9	550.0	-4.3	-15.1	295.2	19.2	17.3	325.0	325.0	2.2	33.2	38.3	101.
17.8	56.3	5403.7	525.0	-7.1	-17.1	289.3	17.3	16.3	326.2	326.2	1.7	38.3	43.4	103.
19.0	59.4	5782.2	500.0	-10.2	-19.0	282.0	17.7	16.1	328.3	328.3	1.4	43.4	48.5	105.
20.4	62.6	6172.5	475.0	-12.9	-21.7	276.5	16.2	14.1	330.4	330.4	1.4	48.5	53.5	107.
21.7	65.9	6585.3	450.0	-16.0	-27.1	279.5	16.5	16.3	332.5	332.5	0.9	53.5	58.6	109.
23.1	69.3	7013.5	425.0	-19.1	-30.4	284.6	18.1	17.5	334.6	334.6	0.7	58.6	63.7	111.
24.4	72.9	7462.5	400.0	-21.9	-35.5	292.6	21.1	19.5	336.7	336.7	0.5	63.7	68.8	113.
25.9	76.5	7934.7	375.0	-25.2	-41.3	301.5	23.0	20.4	338.8	338.8	0.3	68.8	73.9	115.
27.5	80.3	8431.5	350.0	-29.6	-45.9	302.7	24.9	20.9	340.9	340.9	0.1	73.9	79.0	117.
29.1	84.3	8954.6	325.0	-34.7	-49.2	308.5	25.1	19.7	343.0	343.0	0.1	79.0	84.1	119.
31.0	88.4	9502.4	300.0	-39.0	-50.9	306.3	29.7	24.0	345.1	345.1	0.1	84.1	89.2	121.
32.6	92.8	10099.7	275.0	-43.3	-59.9	301.4	32.1	27.4	347.2	347.2	0.1	89.2	94.3	123.
35.1	97.5	10734.0	250.0	-48.0	-69.9	297.4	32.9	29.2	349.3	349.3	0.1	94.3	99.4	125.
37.4	102.4	11417.9	225.0	-54.0	-79.9	296.6	33.2	29.7	351.4	351.4	0.1	99.4	104.5	127.
39.7	107.6	12163.0	200.0	-59.9	-89.9	294.9	37.4	33.9	353.5	353.5	0.1	104.5	109.6	129.
42.3	113.5	12982.8	175.0	-64.2	-99.9	303.0	45.2	37.9	355.6	355.6	0.1	109.6	114.7	131.
45.3	120.0	13925.3	150.0	-65.7	-99.9	309.5	37.4	28.9	357.7	357.7	0.1	114.7	119.8	133.
47.7	127.0	15023.6	125.0	-68.4	-99.9	309.9	99.9	99.9	359.8	359.8	0.1	119.8	124.9	135.
50.3	135.0	16373.2	100.0	-65.1	-99.9	99.9	99.9	99.9	361.9	361.9	0.1	124.9	130.0	137.
52.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	364.0	364.0	0.1	130.0	135.1	139.
55.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	366.1	366.1	0.1	135.1	140.2	141.
59.0	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	368.2	368.2	0.1	140.2	145.3	143.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
 JUNCTION, TEXAS

 26 APRIL 1979
 206 GAT

124 100. 0

TIME M/T	CHFT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	WIND DEG	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	WIND PCT	RANGE KM	AZ DEG
0.0	11.0	521.0	943.5	19.0	13.6	360.0	0.5	0.0	-0.5	297.1	324.9	10.5	71.0	3.0	0.
99.9	99.9	1600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	13.5	694.7	925.0	29.5	1.1	281.1	5.4	5.3	-1.0	309.5	322.7	4.5	16.0	0.2	73.
1.6	15.0	938.1	902.0	28.0	-2.2	280.3	7.4	7.0	-2.3	311.3	322.1	3.6	13.2	0.5	90.
2.6	18.2	1180.9	875.0	27.0	-3.5	290.2	9.8	8.4	-3.1	311.8	322.0	3.4	13.2	1.0	103.
3.5	20.6	1441.2	850.0	26.6	-4.8	285.3	10.1	9.6	-2.7	311.5	321.5	3.2	13.9	1.5	105.
4.4	23.1	1701.1	825.0	22.4	-5.8	277.4	10.7	10.7	-1.4	312.3	321.4	3.0	14.6	2.1	105.
5.4	25.6	1967.1	800.0	20.1	-6.8	275.5	11.8	11.8	-1.0	312.4	321.3	2.9	15.0	2.7	102.
6.3	28.1	2239.1	775.0	17.7	-8.0	270.2	13.8	13.7	-1.0	312.8	321.1	2.7	16.6	3.4	101.
7.2	30.6	2517.9	750.0	15.3	-8.3	275.7	13.7	13.6	-1.3	313.8	321.5	2.7	18.5	4.2	98.
8.3	33.2	2803.5	725.0	12.7	-10.9	282.1	15.7	15.4	-2.6	313.4	321.0	2.6	21.7	5.1	99.
9.2	35.9	3096.4	700.0	10.1	-10.9	282.1	17.6	17.2	-3.7	313.7	321.0	2.4	23.0	6.0	99.
10.2	38.6	3357.3	675.0	7.5	-12.3	285.1	16.6	16.1	-4.0	314.0	320.9	2.2	23.0	7.1	100.
11.2	41.2	3706.2	650.0	4.5	-13.2	286.4	16.6	15.3	-4.5	314.1	320.7	2.1	26.1	8.0	101.
12.3	44.0	4023.0	625.0	1.7	-16.8	287.4	16.0	15.3	-4.8	314.4	319.5	1.6	23.7	9.1	101.
13.4	46.9	4351.1	600.0	-1.2	-17.1	288.6	17.0	16.3	-4.9	314.8	319.8	1.6	27.0	10.1	102.
14.4	49.9	4688.3	575.0	-3.2	-17.1	288.6	16.0	15.3	-4.6	316.2	321.7	1.7	33.2	11.2	102.
15.7	52.9	5038.7	550.0	-5.4	-15.4	285.7	16.8	16.3	-4.6	317.7	324.3	2.1	45.0	12.4	103.
17.0	55.9	5403.4	525.0	-7.7	-17.2	281.6	20.4	20.0	-4.1	319.2	325.2	1.9	46.3	13.8	103.
18.4	58.9	5781.4	500.0	-9.6	-17.5	276.6	16.5	16.4	-1.9	321.2	325.1	1.2	31.4	15.5	103.
20.0	62.1	6175.0	475.0	-11.9	-30.6	273.8	16.7	16.6	-1.1	323.2	325.4	0.6	19.4	16.9	102.
21.5	65.4	6572.5	450.0	-14.8	-32.3	275.5	18.1	18.0	-1.7	324.7	326.7	0.6	20.7	18.5	101.
22.9	68.8	7017.4	425.0	-16.3	-34.8	276.8	17.7	17.6	-2.1	325.2	327.2	0.5	21.6	20.1	101.
24.3	72.3	7449.4	400.0	-21.3	-37.9	280.2	17.5	16.9	-4.9	327.4	329.3	0.3	15.0	21.5	101.
25.7	75.9	7908.1	375.0	-25.0	-37.9	302.2	16.1	13.7	-8.0	328.5	329.0	0.1	9.7	22.9	102.
27.4	79.7	8417.9	350.0	-28.9	-39.9	305.3	17.4	14.4	-9.8	329.6	330.2	0.1	11.1	24.3	103.
29.0	83.5	8933.0	325.0	-33.6	-41.3	309.7	22.3	19.4	-11.1	330.4	330.8	0.1	14.8	26.2	103.
30.4	87.7	9518.8	300.0	-36.7	-41.0	305.7	23.8	19.4	-13.9	330.8	331.3	0.1	25.8	28.6	104.
32.9	92.0	10110.0	275.0	-43.3	99.9	305.5	24.9	20.0	-14.8	332.2	331.3	99.9	99.9	31.3	100.
34.9	96.6	10743.6	250.0	-46.9	99.9	304.4	27.7	22.9	-15.6	333.4	330.9	99.9	99.9	34.6	110.
37.4	101.5	11426.9	225.0	-50.5	99.9	304.0	33.3	27.6	-16.6	335.1	330.9	99.9	99.9	38.8	111.
39.9	106.8	12175.2	200.0	-56.7	99.9	300.9	46.5	39.9	-23.9	337.8	330.9	99.9	99.9	44.7	113.
42.5	112.7	13000.5	175.0	-63.1	99.9	303.1	51.2	41.9	-29.4	342.6	330.9	99.9	99.9	52.6	116.
45.6	119.7	13937.7	150.0	-66.4	99.9	304.8	44.3	36.4	-25.3	359.2	330.9	99.9	99.9	61.2	116.
48.6	126.0	15038.9	125.0	-68.5	99.9	300.9	99.9	99.9	99.9	370.9	330.9	99.9	99.9	67.1	117.
52.5	136.0	16378.2	100.0	-68.5	99.9	99.9	99.9	99.9	99.9	375.4	330.9	99.9	99.9	999.9	999.9
55.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS26 APRIL 1979
505 GAT

114 99.0

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.7	521.0	948.2	20.9	15.3	300.0	5.1	0.0	-5.1	298.2	329.0	11.6	72.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	975.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	12.7	736.9	925.0	21.6	14.4	25.0	6.3	-2.7	-5.7	301.2	332.0	11.3	63.0	0.3	107.
1.6	14.8	974.2	900.0	19.6	13.8	25.3	7.9	-3.4	-7.1	301.7	331.8	11.1	69.3	0.6	202.
2.5	17.1	1216.7	875.0	17.7	13.8	23.3	7.6	-3.0	-6.9	302.1	333.0	11.4	70.1	1.1	203.
3.4	19.4	1464.8	850.0	17.2	11.3	44.0	3.7	-2.6	-2.6	304.2	331.6	10.0	68.4	1.4	203.
4.3	21.6	1720.0	825.0	18.5	7.4	191.5	2.2	0.4	2.2	308.2	330.6	7.9	48.9	1.4	204.
5.2	24.0	1984.4	800.0	18.2	1.3	283.0	8.8	5.8	8.7	312.2	325.9	8.3	32.1	1.3	199.
5.3	26.3	2256.1	775.0	17.1	-1.8	276.0	8.0	8.0	-0.9	312.2	325.9	4.3	27.4	1.3	174.
7.3	28.6	2534.6	750.0	14.7	-4.3	275.8	9.2	9.1	-0.9	312.2	323.7	3.7	26.6	1.8	154.
6.2	31.1	2819.7	725.0	12.1	-5.2	282.9	11.2	10.9	-2.5	312.2	323.6	3.6	29.4	1.9	140.
9.1	33.5	3112.5	700.0	9.5	-9.8	286.0	14.2	13.8	-3.4	313.0	324.5	3.8	35.9	2.4	131.
10.1	35.0	3413.0	675.0	7.4	-6.4	282.7	15.2	14.8	-3.3	314.0	324.6	3.5	36.8	3.3	123.
11.2	36.6	3722.4	650.0	4.6	-8.1	280.5	16.1	15.8	-2.9	314.2	324.8	3.2	39.3	4.2	118.
12.3	41.1	4048.7	625.0	2.3	-8.1	280.9	18.6	10.3	-3.5	315.1	325.3	3.3	45.9	5.3	112.
13.2	43.8	4369.0	600.0	-0.7	-9.9	284.4	17.5	17.0	-4.4	315.4	324.6	3.0	49.4	6.6	112.
14.8	46.5	4727.7	575.0	-3.3	-11.8	298.2	17.1	15.3	-7.6	316.2	324.6	2.7	51.7	8.0	112.
16.2	49.2	5056.1	550.0	-5.5	-13.9	298.4	18.5	16.3	-8.8	317.6	325.8	2.4	51.5	9.4	113.
17.6	52.1	5421.4	525.0	-7.5	-20.1	298.8	18.1	16.1	-8.1	319.2	324.3	1.5	35.6	10.9	113.
19.9	54.9	5800.8	500.0	-9.9	-23.9	298.9	17.6	15.5	-8.4	322.2	325.9	1.1	28.2	12.3	113.
21.1	57.9	6196.4	475.0	-11.6	-25.2	296.2	18.7	16.8	-8.3	323.6	327.1	1.0	31.8	13.7	114.
21.3	60.9	6566.3	450.0	-14.7	-27.3	289.2	19.1	18.0	-8.3	324.8	327.9	0.9	33.0	15.1	114.
22.7	64.0	7036.2	425.0	-18.6	-29.5	289.3	17.8	16.5	-4.2	325.1	327.8	0.8	37.4	16.5	113.
24.1	67.3	7488.4	400.0	-20.8	-35.4	281.6	15.2	14.9	-3.1	328.0	329.6	0.5	25.8	17.9	113.
25.6	70.6	7968.5	375.0	-24.3	-38.7	282.1	15.2	14.9	-3.2	328.4	330.7	0.4	25.0	19.2	112.
27.4	73.1	8461.3	350.0	-28.4	-40.8	284.5	15.1	14.6	-3.8	330.2	331.7	0.3	29.0	20.7	111.
27.3	77.7	8968.7	325.0	-32.2	-46.9	287.4	18.9	18.0	-5.7	332.3	333.0	0.2	21.3	22.6	111.
31.3	81.4	9542.3	300.0	-37.1	-50.1	234.0	15.6	19.0	-4.7	333.1	333.6	0.1	24.0	25.0	110.
33.1	85.4	10143.6	275.0	-41.9	-59.9	285.9	24.3	23.0	-7.9	334.5	999.9	99.9	999.9	27.2	110.
34.8	89.5	10780.7	250.0	-47.8	-69.9	298.4	28.3	24.9	-13.5	335.0	999.9	99.9	999.9	30.1	110.
37.1	94.0	11457.8	225.0	-52.9	-79.9	302.1	32.3	30.7	-19.3	337.4	999.9	99.9	999.9	34.2	112.
39.5	98.8	12217.7	200.0	-58.9	-89.9	301.5	46.3	39.7	-24.3	339.4	999.9	99.9	999.9	40.2	113.
41.6	103.8	13043.3	175.0	-64.8	-99.9	304.6	50.3	41.4	-28.5	343.0	999.9	99.9	999.9	44.4	115.
44.9	109.5	13577.7	150.0	-67.3	-99.9	301.6	43.4	37.0	-22.7	354.1	999.9	99.9	999.9	53.1	116.
46.6	115.7	15075.4	125.0	-68.3	-99.9	599.9	99.9	99.9	99.9	371.3	999.9	99.9	999.9	58.9	116.
50.8	122.7	16416.2	100.0	-65.7	-99.9	999.9	99.9	99.9	99.9	400.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-65.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-59.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-59.0	-59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC 12
JUNCTION, TEXAS

TIME MIN	CMTOR	HEIGHT GEM	PRES MB	TEMP DEG C	DEN PT CG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO CM/KG	RM PCT	RANGE MM	AZ DEG
0.0	10.9	521.0	949.4	15.0	11.4	360.0	2.6	0.0	-2.6	292.6	316.0	9.0	79.9	114	101.0
9.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.7	13.0	741.2	925.0	13.0	11.5	0.9	7.0	-0.1	-7.0	292.6	316.0	9.3	90.9	0.1	160.
1.5	15.3	971.3	900.0	11.1	10.6	10.4	6.5	-1.5	-8.3	293.6	316.7	9.0	96.7	0.5	175.
2.3	17.5	1207.9	875.0	12.9	12.5	25.3	6.7	-3.7	-7.6	297.2	325.0	10.5	97.3	0.9	187.
3.1	19.8	1452.0	850.0	15.3	14.5	327.0	4.6	2.5	-3.8	302.2	325.4	12.3	94.8	1.3	192.
4.0	22.1	1707.7	825.0	16.0	13.1	233.3	7.9	6.3	4.7	305.6	337.6	11.7	93.9	1.1	182.
5.0	24.5	1970.8	800.0	17.9	4.0	233.3	9.0	7.2	5.4	310.2	328.4	6.4	39.8	0.9	151.
6.0	26.8	2241.7	775.0	16.4	0.7	243.2	8.8	7.1	3.6	311.6	328.7	5.2	34.3	0.9	120.
7.1	29.2	2516.5	750.0	14.1	-1.2	255.0	9.1	9.1	0.8	311.6	329.7	4.7	36.7	1.4	104.
8.1	31.7	2804.2	725.0	11.5	-3.1	278.7	12.6	12.4	-1.9	312.1	324.6	4.2	35.9	2.0	101.
9.1	34.1	3056.5	700.0	9.5	-4.0	281.2	13.1	12.8	-2.5	313.0	325.1	4.1	38.2	2.8	101.
10.2	36.6	3397.0	675.0	6.9	-5.1	279.6	12.3	12.1	-2.1	313.2	325.0	3.9	42.2	3.6	101.
11.3	39.2	3705.6	650.0	3.9	-6.4	278.5	12.1	11.9	-1.8	313.4	324.4	3.6	46.6	4.4	101.
12.4	41.8	4023.1	625.0	1.2	-8.1	279.5	11.5	11.4	-1.9	314.3	324.1	3.2	56.8	5.2	100.
13.5	44.4	4358.2	600.0	-1.6	-9.0	279.5	13.4	13.2	-2.3	316.2	323.2	2.2	42.2	6.8	100.
14.7	47.2	4687.8	575.0	-3.2	-14.2	280.0	13.4	13.2	-2.3	316.2	323.2	2.2	42.2	6.8	100.
15.9	50.0	5036.5	550.0	-5.1	-17.5	281.2	15.6	15.5	-3.1	318.0	323.7	1.8	37.1	7.9	100.
17.3	52.9	5402.2	525.0	-8.3	-19.8	280.4	15.3	15.1	-2.8	318.4	323.3	1.5	37.1	7.9	100.
18.7	55.8	5776.3	500.0	-11.0	-21.0	279.8	17.1	16.9	-2.6	319.7	324.3	1.4	43.2	10.5	100.
20.1	59.8	6171.4	475.0	-13.9	-22.6	279.7	19.2	19.0	-3.3	320.8	325.1	1.3	47.7	12.1	100.
21.5	61.9	6580.2	450.0	-16.3	-25.5	281.0	19.8	19.4	-3.8	322.7	326.3	1.1	46.7	13.8	100.
23.1	65.0	7007.4	425.0	-20.2	-24.5	281.9	20.9	20.5	-4.3	323.1	327.2	1.2	68.3	15.7	100.
24.7	69.1	7454.1	400.0	-23.4	-25.8	281.3	22.9	22.4	-4.5	324.2	328.5	1.2	80.8	17.8	100.
26.4	71.6	7923.1	375.0	-27.1	-28.5	279.6	22.8	22.5	-3.8	325.3	329.0	1.0	88.2	20.1	100.
28.0	75.0	8417.0	350.0	-29.9	-31.5	276.3	19.5	19.4	-2.1	326.4	331.1	0.8	86.2	22.1	100.
29.8	78.6	8948.6	325.0	-34.6	-36.8	276.3	21.8	21.7	-2.4	328.2	331.1	0.5	78.5	24.3	100.
31.7	82.3	9494.6	300.0	-39.2	-41.7	277.1	25.9	25.7	-3.2	330.1	331.3	0.3	77.6	27.0	99.
33.7	86.3	10086.1	275.0	-42.7	-49.8	279.0	31.2	30.8	-4.0	333.4	339.9	99.9	99.9	30.3	99.
35.8	90.5	10722.7	250.0	-47.5	-58.9	279.5	33.9	33.4	-5.0	335.4	339.9	99.9	99.9	34.5	99.
38.2	94.9	11408.7	225.0	-52.8	-59.9	282.5	44.3	43.3	-9.6	336.0	339.9	99.9	99.9	39.7	99.
40.9	99.6	12153.9	200.0	-60.2	-59.9	292.2	42.3	39.1	-16.0	337.4	339.9	99.9	99.9	48.4	101.
43.8	104.8	12977.4	175.0	-63.0	-59.9	291.0	31.4	29.3	-11.3	336.0	339.9	99.9	99.9	52.8	102.
46.9	110.3	13921.1	150.0	-65.6	-60.8	289.4	33.7	31.8	-11.2	337.1	339.9	99.9	99.9	59.5	102.
50.5	116.3	15026.7	125.0	-67.7	-60.8	99.9	99.9	99.9	99.9	372.4	339.9	99.9	99.9	65.4	103.
53.9	99.9	99.9	100.0	-69.9	-60.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57.9	99.9	99.9	75.0	-95.9	-60.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.8	99.9	99.9	50.0	-95.9	-60.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
63.9	99.9	99.9	25.0	-95.9	-60.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

28 APRIL 1979
1105 G47

TIME MIN	CUTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HA RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0.0	5.7	27.0	1007.1	15.4	14.9	360.0	0.0	0.0	0.0	288.0	315.2	10.7	97.0	0.0	0.0
0.2	6.2	87.7	1000.0	18.1	17.8	168.8	6.5	-1.3	6.4	291.2	324.5	13.0	98.6	0.2	325.0
1.0	8.5	305.0	575.0	18.3	18.0	179.2	5.3	-0.1	5.3	293.5	328.3	13.4	98.2	0.4	328.0
1.8	10.9	529.4	550.0	19.4	15.0	175.2	2.5	-0.2	2.5	296.8	327.0	11.4	76.1	0.5	330.0
2.0	13.2	750.7	925.0	17.6	12.8	153.6	1.5	-0.7	1.3	297.3	324.2	10.1	73.1	0.6	347.0
3.0	15.6	992.8	900.0	15.9	10.1	69.4	0.8	-0.7	-0.3	298.0	321.3	8.7	68.2	0.7	360.0
4.5	14.1	1231.7	875.0	14.1	7.7	339.7	1.0	0.6	-1.5	298.4	319.0	7.6	65.3	0.6	344.0
5.0	20.6	1476.1	850.0	12.3	6.9	316.7	1.7	1.1	-1.2	299.1	319.2	7.4	69.4	0.5	348.0
5.2	23.1	1725.8	825.0	10.1	5.6	286.9	3.0	2.8	-0.9	299.3	318.3	7.0	73.7	0.5	355.0
7.1	25.6	1992.0	800.0	10.5	-4.1	256.0	5.5	3.4	0.8	302.3	312.8	3.6	37.0	0.5	322.0
9.1	29.1	2246.3	775.0	10.2	-5.2	185.8	1.1	0.1	1.1	304.8	314.6	3.4	33.3	0.6	29.0
9.1	31.8	2518.2	750.0	8.50	99.9	221.3	0.9	0.6	0.7	305.8	999.9	99.9	999.9	0.6	26.0
10.1	33.4	2757.1	725.0	6.00	99.9	999.9	99.9	99.9	99.9	306.9	999.9	99.9	999.9	999.9	999.9
11.2	36.1	3083.9	700.0	5.00	99.9	999.9	99.9	99.9	99.9	308.1	999.9	99.9	999.9	999.9	999.9
12.2	38.8	3379.3	675.0	3.30	99.9	999.9	99.9	99.9	99.9	309.3	999.9	99.9	999.9	999.9	999.9
13.2	41.6	3684.7	650.0	2.5	-40.4	999.9	99.9	99.9	99.9	311.2	312.1	0.1	1.0	999.9	999.9
14.4	44.4	4000.4	625.0	0.9	-47.1	327.2	5.5	3.0	-4.6	313.8	313.8	0.1	1.4	1.7	164.0
15.5	47.4	4326.5	600.0	-1.7	-35.7	318.7	6.1	4.0	-4.6	314.1	315.2	0.3	5.3	2.1	150.0
16.7	50.3	4663.4	575.0	-4.3	-34.7	314.0	7.2	5.2	-5.0	315.0	316.2	0.3	7.2	2.5	154.0
17.9	53.3	5012.1	550.0	-6.7	-36.2	316.0	7.6	5.3	-5.5	316.1	317.2	0.3	7.6	3.0	152.0
19.0	56.4	5372.9	525.0	-10.1	-30.5	321.9	7.5	4.6	-5.9	317.2	318.2	0.6	17.0	3.5	159.0
20.3	59.6	5746.8	500.0	-13.2	-32.2	321.1	8.7	5.5	-6.0	310.9	318.7	0.5	18.5	4.1	149.0
21.6	62.9	6135.0	475.0	-15.9	-35.8	321.0	8.8	5.5	-6.8	318.2	319.6	0.4	16.0	4.8	148.0
23.0	65.1	6540.1	450.0	-16.2	-35.9	313.2	8.2	6.0	-5.6	319.2	320.5	0.4	21.1	5.5	147.0
24.4	69.6	6963.3	425.0	-21.7	-41.7	298.7	7.4	6.5	-3.6	321.2	322.0	0.2	14.3	6.1	144.0
25.9	71.1	7406.4	400.0	-25.5	-44.7	298.6	6.2	5.4	-3.0	321.6	322.4	0.2	14.7	6.7	142.0
27.5	76.9	7871.4	375.0	-29.1	-47.4	303.2	6.8	5.7	-3.7	323.1	323.6	0.1	15.8	7.2	140.0
29.1	80.7	8360.3	350.0	-33.3	-50.2	302.3	8.3	7.0	-4.4	323.6	324.2	0.1	16.3	7.9	139.0
32.0	84.7	8876.0	325.0	-37.9	-53.3	302.3	8.1	6.8	-4.3	324.5	324.8	0.1	18.0	8.8	137.0
32.7	85.5	9422.5	300.0	-42.2	99.9	298.5	6.1	5.4	-2.9	325.1	999.9	99.9	999.9	9.6	134.0
34.6	93.2	10004.6	275.0	-46.8	99.9	257.0	1.9	1.9	0.4	327.4	999.9	99.9	999.9	10.0	135.0
36.6	97.0	10528.3	250.0	-52.2	99.9	199.9	2.0	0.7	1.9	328.5	999.9	99.9	999.9	9.5	133.0
38.0	102.0	11304.4	225.0	-55.2	99.9	175.1	6.0	-0.5	5.9	334.0	999.9	99.9	999.9	9.5	131.0
41.5	108.2	12050.7	200.0	-55.0	99.9	207.3	8.7	4.0	7.7	339.3	999.9	99.9	999.9	9.1	126.0
44.0	114.0	12378.5	175.0	-63.6	99.9	216.2	5.8	5.8	7.9	344.4	999.9	99.9	999.9	9.0	117.0
46.7	120.3	13024.2	150.0	-64.6	99.9	246.2	8.4	8.1	3.6	358.2	999.9	99.9	999.9	9.9	116.0
49.9	127.3	14347.3	125.0	-62.2	99.9	245.4	10.4	9.5	4.3	382.3	999.9	99.9	999.9	10.9	103.0
53.0	135.3	15334.7	100.0	-55.5	99.9	999.9	99.9	99.9	99.9	412.5	999.9	99.9	999.9	999.9	999.9
59.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
PUNHOE, LOUISIANA25 APRIL 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG K	E POT 'T DEG K	WX RTO CH/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.2	27.0	1007.9	19.7	19.7	180.0	2.6	0.0	2.6	292.2	327.2	13.0	94.0	0.0	0.
0.3	6.9	94.9	1000.0	18.7	17.8	164.4	2.9	0.0	2.8	291.5	325.1	13.0	94.0	0.1	325.
1.1	9.3	312.4	975.0	17.4	16.2	163.6	3.1	0.1	2.8	292.7	323.7	12.0	92.7	0.2	330.
2.0	11.6	534.6	950.0	16.7	11.7	207.6	1.6	0.7	1.4	296.1	318.2	9.2	72.5	0.3	343.
2.8	14.0	762.1	925.0	16.7	10.8	244.4	1.8	0.9	0.4	296.4	320.1	8.9	68.1	0.4	352.
3.7	14.5	995.5	900.0	15.5	7.9	310.0	0.8	0.6	-0.5	297.5	317.0	7.5	60.6	0.3	358.
4.6	14.9	1233.9	875.0	13.8	6.1	260.4	0.9	0.8	0.1	298.1	316.6	6.8	59.7	0.4	11.
5.5	21.4	1479.8	850.0	11.9	4.7	270.5	2.4	2.4	-0.8	298.6	316.0	6.3	61.4	0.4	11.
6.4	23.9	1727.1	825.0	10.4	4.0	329.8	3.9	2.0	-3.4	299.6	309.9	2.1	64.5	0.3	45.
7.3	25.4	1583.9	800.0	11.8	-11.0	287.6	2.2	2.1	-0.7	303.7	309.9	2.1	19.2	0.3	70.
8.2	29.0	2248.4	775.0	10.0	-8.2	205.3	2.7	2.2	-1.5	304.2	312.4	2.7	28.9	0.4	76.
9.2	31.6	2528.4	750.0	9.4	-31.5	353.1	5.5	0.7	-5.4	308.6	308.4	0.5	5.3	0.5	104.
10.3	34.3	2798.9	725.0	7.2	-31.8	359.5	7.1	0.1	-7.1	307.4	308.6	0.4	4.2	0.7	139.
11.3	37.0	3087.3	700.0	6.0	-40.2	350.6	8.3	1.4	-8.2	309.2	309.5	0.1	1.0	1.1	153.
12.3	37.9	3368.0	675.0	4.5	-44.5	341.5	9.1	2.9	-8.6	310.7	311.1	0.1	1.5	1.7	157.
13.4	42.5	3658.9	650.0	2.6	-48.3	334.0	9.6	4.2	-8.6	312.0	312.2	0.1	1.0	2.3	157.
14.4	45.4	4005.3	625.0	-0.0	-45.4	327.7	10.0	5.4	-8.5	312.2	312.9	0.1	2.0	2.9	156.
15.5	48.3	4330.4	600.0	-2.6	-23.2	321.2	5.7	6.1	-7.6	313.2	316.4	1.0	18.7	3.5	154.
16.7	51.3	4666.3	575.0	-4.7	-38.8	316.0	7.8	5.4	-5.6	314.5	315.3	0.2	5.8	4.1	151.
17.9	54.3	5014.4	550.0	-7.2	-40.8	315.0	6.2	4.4	-4.4	315.6	316.3	0.2	4.8	4.6	150.
19.1	57.4	5375.2	525.0	-5.6	-22.1	316.2	5.8	4.0	-4.2	316.6	317.1	0.1	1.6	5.0	148.
20.4	60.6	5745.3	500.0	-12.8	-32.6	306.9	7.9	6.4	-4.8	317.2	317.7	0.1	2.0	5.5	147.
21.8	63.9	6128.7	475.0	-15.3	-39.3	301.4	8.8	7.6	-4.6	319.8	320.0	0.3	10.9	6.2	144.
23.2	67.3	6545.2	450.0	-18.0	-39.2	292.7	8.5	7.8	-3.3	320.7	320.8	0.0	1.5	6.8	142.
24.5	70.7	6965.4	425.0	-21.7	-42.8	285.8	8.9	8.4	-3.0	321.2	321.3	0.0	1.2	7.4	139.
25.9	74.3	7412.5	400.0	-25.4	-46.1	294.8	9.1	8.2	-4.1	322.0	322.1	0.0	1.0	8.1	136.
27.5	79.0	7877.0	375.0	-29.3	-48.7	293.3	9.0	8.2	-3.4	322.9	322.9	0.0	1.0	8.9	135.
29.1	81.9	8365.9	350.0	-23.2	-71.3	279.4	6.9	6.8	-1.1	323.4	324.0	0.0	1.0	9.7	132.
30.8	85.8	8893.3	325.0	-36.3	-73.3	245.0	6.7	6.1	2.8	326.7	326.7	0.0	1.0	10.1	130.
32.6	90.0	9432.8	300.0	-41.2	99.9	249.7	8.1	7.1	4.8	327.3	329.9	99.9	99.9	10.4	126.
34.5	94.4	10017.0	275.0	-46.2	99.9	235.1	6.7	5.5	3.9	328.3	329.9	99.9	99.9	10.7	122.
36.4	99.0	10644.0	250.0	-50.8	99.9	231.0	6.8	5.4	4.8	330.4	330.4	99.9	99.9	11.1	118.
38.6	104.0	11321.2	225.0	-55.8	99.9	209.4	4.8	2.4	4.2	333.8	333.8	99.9	99.9	11.4	114.
41.1	109.3	12062.7	200.0	-60.3	99.9	181.5	8.1	2.4	6.3	337.2	339.9	99.9	99.9	11.1	111.
43.4	115.0	12682.9	175.0	-64.2	99.9	197.5	8.1	2.4	7.7	344.8	344.8	99.9	99.9	11.8	108.
46.0	121.3	13023.8	150.0	-61.4	99.9	237.7	9.8	7.6	4.8	364.3	364.3	99.9	99.9	13.1	95.
48.2	128.3	14978.8	125.0	-58.5	99.9	249.7	10.1	9.5	3.5	389.1	389.1	99.9	99.9	99.9	99.9.
52.8	138.3	16366.1	100.0	-59.5	99.9	99.9	99.9	99.9	99.9	412.4	412.4	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 13
NORRIS, LOUISIANA

25 APRIL 1970
1705 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RSD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.9	27.0	1007.0	26.7	14.5	130.0	1.0	-0.5	0.9	299.2	326.9	10.3	47.0	133	90.0
0.3	6.6	96.2	1000.0	23.6	10.1	130.9	1.0	-1.0	1.0	296.7	331.5	13.3	71.7	0.0	0.0
1.2	9.0	316.3	575.0	19.9	16.0	141.8	2.0	-1.2	1.5	295.1	327.7	12.5	82.0	0.2	330.
2.0	11.4	540.3	950.0	10.1	16.3	179.7	1.4	-0.0	1.4	295.6	328.1	12.4	89.3	0.3	334.
2.8	13.7	769.0	925.0	17.7	11.4	309.1	1.8	1.4	-1.1	297.2	322.2	9.2	66.5	0.3	341.
3.7	16.2	1003.3	900.0	16.5	10.1	344.1	2.1	0.6	-2.0	298.9	322.0	8.7	65.0	0.2	345.
4.6	19.6	1242.6	875.0	14.5	8.5	346.7	1.5	0.3	-1.4	298.2	320.6	8.0	67.0	0.1	340.
5.6	21.1	1466.9	850.0	12.3	7.0	327.6	1.9	1.0	-1.6	299.0	319.3	7.4	70.1	0.0	345.
6.6	23.7	1736.0	825.0	10.4	5.4	316.0	4.0	2.7	-2.9	299.6	318.5	6.9	71.2	0.2	134.
7.6	25.2	1993.7	800.0	11.3	1.1	313.3	2.6	2.6	-1.9	303.3	318.9	5.2	49.6	0.4	135.
8.6	26.8	2258.8	775.0	11.1	-7.4	349.5	2.6	0.5	-2.6	305.7	316.1	2.8	26.7	0.5	136.
9.7	31.4	2531.9	750.0	9.7	-4.2	7.0	4.0	-0.6	-4.6	307.2	318.2	3.0	37.3	0.7	132.
10.8	34.1	2812.3	725.0	7.9	-1.3	331.7	0.8	1.0	-6.7	308.1	322.1	4.8	52.1	1.0	162.
12.0	35.9	3101.3	700.0	6.6	-5.1	343.6	0.7	2.5	-8.3	309.2	320.9	3.7	42.8	1.6	163.
13.1	39.7	3398.7	675.0	3.9	-6.0	338.3	10.7	3.9	-9.9	310.0	320.9	3.6	48.4	2.2	163.
14.2	42.4	3704.3	650.0	1.6	-8.9	335.1	11.0	4.6	-10.0	310.6	319.9	3.0	45.3	3.0	161.
15.4	45.3	4018.2	625.0	-0.6	-10.7	328.1	8.5	4.5	-7.2	311.8	320.1	2.7	45.9	3.7	160.
16.5	48.3	4344.0	600.0	-3.0	-15.1	307.0	7.7	6.1	-4.6	312.4	318.0	2.0	38.7	4.2	157.
17.0	51.3	4674.7	575.0	-4.8	-19.2	287.8	0.2	7.8	-2.5	314.4	318.0	1.5	31.4	4.6	152.
17.8	54.3	5028.3	550.0	-6.3	-20.1	297.5	10.6	9.4	-4.9	316.6	318.9	0.7	15.0	5.1	147.
20.2	57.4	5390.2	525.0	-9.3	-27.4	299.8	12.5	10.9	-6.2	317.2	319.8	0.8	21.4	5.9	143.
21.6	60.5	5765.2	500.0	-12.5	-27.3	299.6	12.5	11.0	-6.0	317.2	320.5	0.8	27.0	6.9	140.
23.0	63.9	6154.8	475.0	-15.1	-33.6	299.4	12.2	10.6	-6.8	319.2	321.4	0.5	18.0	7.9	137.
24.4	67.1	6551.0	450.0	-18.4	-37.1	301.5	11.1	9.4	-5.8	320.2	321.4	0.3	17.4	8.8	135.
25.9	70.7	6984.8	425.0	-21.6	-39.7	308.3	8.8	6.9	-5.8	321.2	322.3	0.3	17.6	9.7	134.
27.5	74.3	7427.9	400.0	-25.6	-42.3	315.0	10.6	7.5	-7.5	321.2	322.6	0.2	18.0	10.6	134.
29.1	78.0	7892.6	375.0	-28.9	-45.4	312.4	11.4	8.4	-7.7	323.4	324.0	0.2	18.3	11.6	134.
30.7	81.7	8382.8	350.0	-32.8	-48.6	308.2	13.5	10.9	-8.0	324.4	325.1	0.1	18.0	12.4	134.
32.3	85.8	8900.0	325.0	-37.0	-51.1	305.4	13.9	11.4	-8.1	325.8	326.1	0.1	21.1	14.2	133.
34.0	90.0	9448.7	300.0	-41.3	-59.9	304.4	12.5	10.3	-7.1	327.1	329.9	0.9	99.9	15.3	132.
35.9	94.3	10032.9	275.0	-46.7	-59.9	298.0	9.9	8.7	-4.6	327.4	329.9	0.9	99.9	16.8	131.
38.1	99.0	10658.1	250.0	-51.8	-59.9	284.0	6.8	6.6	-1.7	329.0	329.9	0.9	99.9	17.8	130.
40.4	104.0	11333.4	225.0	-56.3	-59.9	276.9	4.8	4.8	-0.5	332.2	329.9	0.9	99.9	18.4	129.
42.8	107.3	12072.9	200.0	-61.0	-59.9	154.1	4.6	-2.9	6.0	336.3	329.9	0.9	99.9	18.4	129.
45.6	115.2	12898.0	175.0	-62.0	-59.9	201.9	10.1	3.8	9.3	346.8	329.9	0.9	99.9	17.1	128.
48.4	121.5	13652.0	150.0	-61.3	-59.9	244.8	10.8	9.8	4.8	344.5	329.9	0.9	99.9	17.7	128.
51.6	128.7	14984.1	125.0	-58.7	-59.9	599.9	95.9	99.9	99.9	388.7	329.9	0.9	99.9	18.8	115.
55.2	136.7	16376.7	100.0	-52.8	-59.9	99.9	99.9	99.9	99.9	414.1	329.9	0.9	99.9	99.9	99.9
57.9	97.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	329.9	0.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 16 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONROE, LOUISIANA
 28 APRIL 0800
 2038 GMT

TIME MIN	CHCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MN RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	0.0	27.0	1004.9	27.3	13.0	150.0	3.6	-1.0	3.1	306.2	327.1	9.9	43.0	0.0	0.
0.3	0.7	70.2	1000.0	25.0	14.9	140.2	3.2	-1.0	2.6	250.7	327.4	10.7	52.0	0.1	302.
1.1	0.1	202.1	975.0	22.9	14.0	141.1	3.0	-1.9	2.3	298.2	327.3	11.0	60.5	0.3	331.
2.1	11.3	516.0	950.0	20.9	13.9	112.1	2.3	-2.1	0.9	298.4	326.7	10.6	64.5	0.4	322.
3.4	13.0	746.3	925.0	18.0	12.6	126.0	0.9	-0.7	0.5	298.4	325.3	10.0	67.6	0.5	315.
4.6	14.2	982.0	902.0	16.4	11.9	230.3	0.0	0.6	0.5	298.4	324.7	9.8	75.1	0.4	315.
5.7	15.6	1222.4	875.0	14.6	10.1	250.7	1.0	1.9	0.3	299.8	323.0	8.9	76.4	0.5	320.
6.7	21.0	1467.0	850.0	12.0	8.4	207.1	2.6	2.8	-0.0	299.2	321.0	8.2	78.0	0.4	330.
7.6	23.5	1710.1	825.0	13.0	-2.4	303.2	4.0	3.3	-2.2	302.7	313.0	4.0	34.0	0.3	350.
8.6	26.0	1970.3	800.0	13.0	-12.6	300.6	4.6	3.9	-2.3	305.0	310.5	1.8	15.5	0.3	52.
9.4	28.5	2241.9	775.0	10.0	-4.4	304.0	9.3	4.4	-3.0	305.4	315.0	3.0	34.1	0.5	00.
10.6	31.0	2514.3	750.0	8.9	-0.0	311.8	7.4	5.7	-5.0	306.2	320.1	4.8	50.6	0.0	105.
11.6	33.6	2740.5	725.0	6.9	-0.9	315.7	8.4	5.9	-6.0	307.1	321.4	5.0	57.3	1.3	116.
12.6	36.2	3082.4	700.0	5.6	-3.7	330.5	8.6	4.2	-7.5	308.7	320.9	4.2	51.0	1.8	124.
13.9	39.9	3370.1	675.0	3.6	-5.5	338.9	9.1	3.3	-8.5	309.7	320.0	3.0	51.4	2.5	132.
15.1	41.7	3624.8	650.0	1.9	-14.5	332.2	9.6	4.5	-8.5	311.2	317.2	1.9	28.7	2.9	137.
16.1	44.0	4000.3	625.0	0.2	-19.5	328.6	11.4	5.9	-9.7	312.7	316.9	1.3	20.8	3.5	140.
17.2	47.3	4325.6	600.0	-2.6	-21.2	324.1	13.0	0.1	-11.2	313.1	316.9	1.2	22.5	4.4	141.
18.4	50.2	4661.5	575.0	-5.3	-21.3	319.5	14.7	9.5	-11.2	313.6	317.7	1.2	27.0	5.4	141.
19.7	53.2	5002.7	550.0	-8.1	-26.9	318.4	16.6	9.7	-10.9	314.5	317.1	0.8	20.3	6.5	141.
20.9	56.3	5368.7	525.0	-10.0	-29.0	318.6	12.5	8.3	-9.4	316.5	310.7	0.7	19.3	7.5	140.
22.1	57.4	5742.7	500.0	-13.0	-27.6	320.5	11.2	7.1	-8.7	317.2	319.0	0.0	20.1	8.4	140.
23.5	62.0	6131.5	475.0	-16.2	-31.1	314.7	12.5	8.9	-8.0	317.9	319.9	0.0	20.3	9.3	140.
24.9	65.9	6530.7	450.0	-18.7	-37.5	309.3	12.0	6.3	-7.6	319.7	320.9	0.3	17.2	10.5	130.
25.3	69.3	6955.0	425.0	-22.2	-40.2	314.0	0.0	6.2	-6.0	320.6	321.9	0.3	17.0	11.3	130.
26.1	72.7	7403.2	400.0	-25.3	-38.4	315.0	9.9	6.9	-7.1	322.2	323.4	0.3	27.0	12.2	130.
27.5	76.3	7800.5	375.0	-28.0	-32.9	304.9	12.9	10.7	-7.2	323.9	325.7	0.6	67.0	13.2	130.
31.2	87.0	8356.0	350.0	-33.1	-39.4	308.0	13.9	12.0	-7.1	324.1	325.4	0.4	53.0	14.5	130.
32.0	89.9	8875.1	325.0	-37.1	-45.5	296.9	13.7	12.2	-6.2	325.6	326.3	0.2	40.0	15.8	135.
34.7	93.0	9423.5	300.0	-41.6	99.0	302.3	11.9	10.1	-6.3	326.7	999.9	99.9	999.9	17.2	133.
36.6	92.2	10007.1	275.0	-46.0	99.9	303.1	9.4	7.9	-5.1	327.2	999.9	99.9	999.9	18.4	133.
38.7	96.7	10631.4	250.0	-51.9	99.9	296.0	8.7	7.0	-3.0	329.0	999.9	99.9	999.9	19.5	132.
42.0	101.4	11306.8	225.0	-56.5	99.9	297.1	4.9	4.0	1.1	332.0	999.9	99.9	999.9	20.3	131.
43.2	106.4	12040.2	200.0	-60.4	99.9	293.7	5.7	2.3	5.2	337.1	999.9	99.9	999.9	20.2	129.
45.3	112.0	12775.4	175.0	-60.3	99.9	238.0	0.1	5.2	3.3	350.4	999.9	99.9	999.9	20.3	120.
48.7	119.0	13032.2	150.0	-61.0	99.9	201.0	0.1	0.1	1.3	364.0	999.9	99.9	999.9	20.3	120.
52.0	125.0	14065.2	125.0	-60.4	99.9	99.9	99.9	99.9	99.9	303.9	999.9	99.9	999.9	999.9	999.
54.0	132.7	14351.1	100.0	-56.6	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
56.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
58.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
60.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AM' 10 DEG
 0 BY TEMP MEANS TEMPERATURE CC TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONR I. LOUISIANA

 26 APRIL 1979
 210 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT η DG F	E POT η DG K	MR RTO GM/KG	RM ACT	RANGE -AZ KM	DEG
0.0	0.4	27.0	1003.6	22.7	17.2	129.0	1.0	-0.9	0.5	295.6	328.0	12.4	71.0	0.0	0.
0.2	6.9	58.5	1000.0	24.0	15.7	130.7	4.6	-3.5	3.0	297.1	327.2	11.4	68.3	0.1	322.
1.0	9.4	280.3	975.0	23.0	14.2	137.0	5.5	-3.7	4.0	298.2	326.5	10.5	57.1	0.3	313.
1.9	11.7	506.5	950.0	21.6	13.2	149.8	5.0	-2.5	4.3	299.1	326.2	10.1	58.9	0.6	316.
2.9	14.2	737.2	925.0	19.5	13.8	183.6	4.6	0.3	4.6	299.3	326.2	10.0	69.8	0.6	320.
3.6	16.6	973.2	900.0	18.3	13.1	218.4	4.7	2.9	3.7	300.4	329.0	10.7	72.0	1.0	316.
4.4	19.1	1214.2	875.0	15.9	12.4	234.1	6.0	4.8	3.5	300.3	328.3	10.4	79.8	1.0	316.
5.3	21.6	1460.4	850.0	13.6	11.6	246.0	5.5	5.0	2.2	300.7	328.1	10.2	86.2	1.2	4.
6.1	24.1	1712.6	825.0	14.4	4.2	269.6	3.7	3.7	0.0	303.2	321.5	9.3	50.5	1.3	13.
7.0	26.7	1973.0	800.0	14.6	2.8	288.8	6.2	5.9	-2.0	306.7	323.4	5.9	45.1	1.3	22.
8.0	29.3	2240.7	775.0	12.9	1.5	297.9	9.3	8.6	-4.4	308.2	322.1	4.7	42.8	1.4	42.
9.1	31.9	2515.1	750.0	10.9	-1.2	294.8	10.4	9.4	-6.0	309.2	323.0	4.5	47.2	1.8	61.
10.2	34.7	2791.2	725.0	9.0	-2.5	304.8	11.7	10.0	-7.2	310.2	324.8	4.5	52.0	2.0	87.
11.1	37.3	3084.8	700.0	6.6	-4.0	308.8	13.7	11.6	-8.6	312.9	318.3	1.7	41.3	6.4	116.
12.2	40.1	3364.3	675.0	4.1	-7.8	313.9	14.8	11.6	-8.5	316.7	318.7	1.1	35.8	7.4	121.
13.3	43.0	3650.3	650.0	2.0	-11.2	321.8	12.8	8.9	-9.2	311.2	321.0	3.3	48.0	4.3	103.
14.4	45.9	4005.6	625.0	-0.5	-12.2	321.8	12.1	7.5	-9.3	311.9	319.9	2.6	44.2	5.0	109.
15.5	48.8	4330.5	600.0	-3.5	-17.1	321.4	13.0	7.5	-9.5	312.9	319.8	2.5	50.6	5.7	113.
16.6	51.8	4665.4	575.0	-6.1	-20.5	320.3	11.1	7.1	-8.6	313.7	318.0	1.3	37.9	6.4	116.
17.7	54.9	5011.8	550.0	-8.4	-23.2	320.2	9.8	6.3	-7.5	318.1	319.4	0.8	30.3	8.7	123.
18.8	58.0	5376.7	525.0	-11.1	-27.2	319.7	11.1	7.2	-6.5	316.7	318.7	0.8	34.0	9.5	125.
19.9	61.3	5744.4	500.0	-13.4	-28.6	324.1	10.8	6.3	-6.7	317.7	320.2	0.7	36.0	999.9	999.
21.1	67.8	6537.0	450.0	-15.3	-30.3	999.9	99.9	99.9	99.9	319.1	321.4	0.5	37.8	999.9	999.
22.6	71.3	6959.1	425.0	-22.9	-33.3	999.9	99.9	99.9	99.9	322.1	322.8	0.2	17.5	999.9	999.
24.1	74.8	7401.2	400.0	-25.1	-42.9	999.9	99.9	99.9	99.9	323.0	323.5	0.1	12.7	999.9	999.
25.3	78.5	7866.5	375.0	-29.1	-48.9	999.9	99.9	99.9	99.9	323.5	324.4	0.1	16.7	999.9	999.
27.3	82.3	8356.1	350.0	-33.2	-50.1	999.9	99.9	99.9	99.9	324.5	325.3	0.1	28.1	999.9	999.
31.0	86.3	8872.0	325.0	-37.6	-49.3	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
33.0	90.5	9415.3	300.0	-42.1	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
35.0	95.0	10000.8	275.0	-47.5	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
37.0	99.6	10522.0	250.0	-53.8	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
39.2	104.6	11292.4	225.0	-57.5	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
41.6	110.0	12031.2	200.0	-60.5	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
43.3	115.8	12856.6	175.0	-62.5	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
47.2	122.0	13899.7	150.0	-61.9	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
50.6	129.0	14936.1	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
54.5	137.0	16318.8	100.0	-68.7	99.9	999.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
59.9	99.9	99.9	75.0	56.9	99.9	99.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	326.8	329.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA
26 APRIL 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT -1 DEG A	E POT T DEG K	MR STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.1	27.0	1004.1	21.5	17.1	0.0	0.0	0.0	295.3	326.4	12.3	76.0	0.0	0.
0.1	6.5	62.7	1000.0	21.9	17.0	3.0	2.9	-0.0	295.1	327.3	12.3	73.9	0.1	346.
0.6	5.9	283.9	975.0	23.3	16.3	7.4	-0.2	7.4	295.6	330.7	12.1	65.1	0.3	333.
1.2	11.2	510.3	950.0	21.4	15.7	7.5	1.4	7.4	295.8	330.7	11.9	69.8	0.5	348.
1.8	13.6	741.3	925.0	19.8	14.5	7.0	3.9	5.9	299.8	330.8	11.3	71.5	0.7	358.
2.4	15.0	977.2	900.0	18.2	12.9	7.1	5.8	4.2	300.2	328.5	10.5	71.5	0.9	18.
3.0	13.5	1213.4	875.0	16.1	12.0	7.5	6.8	3.2	300.5	329.0	10.6	79.0	1.1	20.
3.6	23.9	1434.6	850.0	14.4	13.3	7.6	7.3	2.0	301.2	331.8	11.4	93.1	1.3	29.
4.2	23.4	1717.5	825.0	15.5	4.6	8.4	6.4	0.2	303.0	323.5	6.6	69.0	1.5	37.
4.8	25.9	1973.5	800.0	15.5	-6.7	9.2	9.2	-0.7	303.7	316.5	3.0	21.4	1.7	47.
5.5	23.5	2245.4	775.0	12.9	-5.6	9.1	8.9	-1.7	307.7	317.4	3.3	27.1	2.0	55.
6.1	31.2	2521.0	750.0	11.5	-0.8	10.3	9.6	-3.7	309.1	323.1	4.8	42.4	2.2	63.
6.8	33.0	2803.5	725.0	6.5	-1.3	11.1	10.3	-4.1	309.9	324.0	4.8	46.8	2.5	70.
7.5	35.6	3053.5	700.0	7.1	-1.4	11.6	10.8	-4.4	310.4	326.6	4.9	54.7	2.9	77.
8.1	37.3	3291.7	675.0	4.7	-3.7	10.3	9.1	-4.7	310.5	323.7	4.3	54.7	3.3	81.
8.9	42.1	3572.4	650.0	2.9	-10.7	8.6	7.5	-4.6	312.2	320.2	2.6	36.1	3.6	85.
9.5	43.2	3813.5	625.0	0.0	-11.2	8.1	6.6	-4.5	312.2	320.4	2.6	42.3	3.8	88.
10.3	47.9	4040.1	600.0	-2.7	-12.1	8.0	7.6	-4.4	313.0	320.8	2.5	48.1	4.1	91.
11.0	50.9	4278.7	575.0	-5.6	-13.5	10.2	9.1	-4.6	313.4	320.7	2.3	53.7	4.5	94.
11.7	54.0	4522.5	550.0	-7.9	-20.5	9.6	8.4	-4.6	314.7	319.1	1.4	35.6	4.9	96.
12.5	57.2	4763.9	525.0	-9.4	-24.4	7.8	6.9	-3.9	317.1	320.4	1.0	28.1	5.4	98.
13.3	63.4	4958.7	500.0	-12.4	-27.2	8.2	7.1	-4.1	317.9	321.4	1.1	36.0	5.7	99.
14.1	63.7	5148.1	475.0	-15.8	-27.2	11.3	10.0	-5.2	318.2	321.4	0.9	36.4	6.1	100.
14.9	67.0	5353.0	450.0	-18.9	-30.0	16.1	14.5	-7.1	319.5	321.9	0.7	36.7	6.7	102.
15.8	70.6	5577.2	425.0	-21.1	-40.6	19.1	16.8	-9.5	321.9	322.8	0.3	15.4	7.7	104.
16.6	74.2	5821.7	400.0	-24.7	-43.9	99.9	99.9	99.9	323.0	323.7	0.2	14.6	8.5	106.
17.6	78.0	6087.9	375.0	-28.5	-48.1	99.9	99.9	99.9	323.9	324.4	0.1	13.1	999.9	999.
18.5	81.9	6378.7	350.0	-32.4	-51.1	99.9	99.9	99.9	325.0	325.4	0.1	13.5	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONROE, LOUISIANA

 26 APRIL 1979
 005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.5	27.0	1003.6	19.5	17.5	230.0	2.1	1.6	1.3	292.4	324.9	12.6	88.0	0.0	0.
0.1	6.8	58.1	1000.0	19.9	17.0	242.3	2.4	7.4	3.8	293.0	326.6	13.0	88.2	0.1	23.
0.8	9.0	277.7	975.0	22.0	16.2	252.0	11.8	11.0	3.6	297.4	329.1	12.0	69.6	0.3	56.
1.6	11.2	502.6	950.0	21.3	15.1	257.6	9.9	9.7	2.1	298.8	329.2	11.4	67.7	0.9	67.
2.5	13.6	734.7	925.0	19.3	13.9	259.2	8.5	8.7	1.7	299.1	328.1	10.9	70.7	1.4	71.
3.5	15.6	970.1	900.0	17.4	13.2	262.3	8.8	8.7	1.2	299.4	328.1	10.7	76.8	1.9	74.
4.3	17.9	1210.4	875.0	15.2	13.2	268.4	7.7	7.6	1.3	299.6	329.0	11.0	88.1	2.3	75.
5.2	20.2	1456.0	850.0	14.2	6.5	268.2	8.5	4.5	0.9	301.0	321.3	7.4	82.2	2.7	76.
6.1	22.5	1708.9	825.0	13.6	-17.5	270.6	11.3	11.3	-0.1	305.1	308.0	1.2	8.8	3.2	78.
6.9	24.6	1968.7	800.0	14.1	-22.0	275.3	11.9	11.9	-1.1	306.2	308.0	0.8	6.5	3.8	81.
7.9	27.2	2235.1	775.0	12.1	-12.9	275.0	10.7	10.6	-0.6	306.5	312.5	1.9	16.3	4.4	83.
8.8	29.5	2508.8	750.0	10.0	-3.6	278.5	10.5	10.9	-0.1	307.4	318.7	3.9	37.6	5.0	84.
9.8	32.0	2789.3	725.0	7.6	-2.4	272.4	11.5	11.5	-0.5	307.8	320.7	4.4	49.1	5.7	85.
10.9	34.5	3078.1	700.0	6.1	-1.2	282.2	11.1	10.9	-2.3	309.3	323.9	5.0	59.7	6.3	86.
11.9	37.0	3375.4	675.0	4.3	-16.3	291.6	10.8	10.2	-4.0	310.2	316.3	1.9	24.2	7.0	88.
13.0	39.6	3681.4	650.0	2.3	-14.9	285.5	11.1	10.7	-3.0	311.2	317.3	1.8	26.6	7.7	90.
14.1	42.2	3996.7	625.0	-0.1	-15.0	280.7	10.3	10.1	-1.9	312.2	318.3	1.9	31.6	8.4	91.
15.2	44.9	4321.8	600.0	-3.0	-14.1	276.7	9.1	9.1	-1.1	312.6	319.3	2.1	41.8	9.0	92.
16.3	47.6	4658.9	575.0	-6.2	-15.8	278.9	10.3	10.2	-1.8	312.7	318.0	1.9	46.5	9.6	92.
17.5	50.3	5002.8	550.0	-9.3	-18.7	280.0	10.5	10.1	-2.9	313.0	318.0	1.6	46.2	10.4	93.
18.8	53.2	5361.2	525.0	-11.0	-24.3	285.6	11.8	11.4	-3.0	315.2	318.5	1.0	32.5	11.2	94.
20.1	56.1	5734.0	500.0	-13.8	-25.9	295.3	6.7	8.7	-4.1	316.2	319.3	0.9	35.0	12.1	95.
21.5	59.1	6122.2	475.0	-16.0	-32.5	301.8	9.1	7.7	-4.8	318.2	320.0	0.5	22.9	12.7	96.
22.9	62.3	6527.1	450.0	-18.9	-37.7	308.8	14.4	12.6	-6.9	319.8	320.7	0.3	17.3	13.6	98.
24.3	65.4	6950.8	425.0	-21.8	-43.5	303.1	18.9	15.8	-10.3	321.1	322.9	0.5	33.6	15.0	100.
25.9	68.6	7394.4	400.0	-25.3	-44.8	299.2	19.6	17.1	-9.6	322.1	322.7	0.2	14.2	16.7	102.
27.7	72.0	7858.9	375.0	-29.0	-38.9	302.4	19.3	15.3	-11.7	323.2	324.5	0.3	37.6	18.7	104.
29.5	75.4	8348.5	350.0	-33.1	-47.0	318.7	18.7	12.8	-13.6	324.1	324.7	0.2	23.1	20.5	107.
31.4	79.0	8864.4	325.0	-37.4	-52.2	320.2	20.4	13.0	-15.7	325.2	325.3	0.1	19.4	22.3	110.
33.3	82.8	9411.9	300.0	-42.0	-59.9	315.4	24.3	17.1	-17.3	326.2	326.2	99.9	99.9	24.6	113.
35.2	86.6	9904.4	275.0	-47.4	-69.9	309.6	27.4	21.1	-17.4	326.6	326.6	99.9	99.9	27.3	115.
37.0	91.0	10617.6	250.0	-52.5	-77.9	308.5	28.6	23.1	-17.1	328.1	328.1	99.9	99.9	30.3	116.
39.1	95.3	11292.9	225.0	-56.4	-89.9	299.9	59.9	99.9	99.9	334.7	334.7	99.9	99.9	33.7	118.
41.2	100.0	12031.0	200.0	-61.9	-99.9	299.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONROE, LOUISIANA

 26 APRIL 1979
 1105 Gdt

131 99. 0

TIME M:Y	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	W R TO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.2	27.0	1003.8	19.5	13.9	240.0	3.6	3.1	1.8	292.3	318.4	10.0	70.0	0.0	0.
0.1	6.5	56.6	1000.0	19.7	15.7	247.2	8.6	7.9	3.3	292.8	322.5	11.5	78.7	0.1	21.
0.8	3.8	278.9	975.0	20.7	16.8	259.7	14.4	14.1	2.6	296.0	328.7	12.5	78.1	0.5	65.
1.5	11.2	504.7	950.0	21.5	15.9	270.1	11.2	11.2	-0.0	299.0	331.2	12.1	70.7	1.1	75.
2.5	12.5	735.7	925.0	16.7	13.9	281.3	11.2	11.6	-2.2	299.2	328.5	10.9	69.1	1.4	83.
3.5	15.0	971.5	900.0	18.0	12.7	289.1	11.3	10.7	-3.7	303.0	327.9	10.4	71.5	2.1	89.
4.3	13.4	1212.6	875.0	16.0	12.9	293.5	10.3	9.4	-4.1	300.4	329.5	10.8	81.8	2.6	93.
5.1	20.2	1458.8	850.0	14.2	13.2	305.4	9.9	8.1	-5.8	301.0	331.5	11.3	93.8	3.1	98.
6.0	23.4	1710.7	825.0	12.2	11.6	313.1	10.7	7.8	-7.3	301.8	329.8	10.5	96.2	3.6	103.
6.9	23.0	1952.6	800.0	10.6	9.9	313.2	10.1	7.3	-7.9	302.4	328.8	9.7	96.0	4.1	107.
7.7	23.4	2233.3	775.0	8.8	8.2	305.8	9.5	7.7	-5.6	303.3	327.8	8.9	95.0	4.6	109.
8.5	23.0	2554.2	750.0	6.6	4.7	298.5	8.6	7.6	-4.1	303.7	323.7	7.2	88.2	5.1	111.
9.3	23.7	2783.2	725.0	7.5	-9.0	278.4	9.8	9.7	-1.4	307.6	315.9	2.7	29.7	5.6	111.
10.3	23.3	3071.7	700.0	5.3	-14.5	272.5	11.5	11.5	-0.5	309.4	314.9	1.8	20.8	6.3	109.
11.3	23.0	3308.5	675.0	4.3	-17.1	274.6	11.2	11.2	-0.9	310.6	315.1	1.5	19.2	7.0	107.
12.0	21.3	3574.1	650.0	1.8	-17.1	272.0	11.2	11.0	-1.6	311.0	315.0	1.3	19.3	7.7	106.
13.0	21.5	3828.8	625.0	-0.8	-15.2	278.9	12.5	12.4	-1.9	311.6	315.8	1.3	23.1	8.5	105.
13.1	27.4	4113.2	600.0	-3.1	-21.3	276.1	12.5	12.4	-1.3	312.6	316.3	1.2	22.8	9.2	105.
14.1	23.4	4642.5	575.0	-5.9	-10.3	258.5	12.8	12.8	0.3	313.1	317.9	1.5	35.3	10.0	104.
15.2	23.4	4924.9	550.0	-8.9	-10.7	259.8	14.3	14.3	0.3	313.2	318.6	1.6	44.3	10.9	102.
16.4	23.5	5253.4	525.0	-11.5	-23.0	267.6	13.5	13.5	0.6	314.6	318.3	1.1	38.0	11.8	101.
17.5	23.7	5725.9	500.0	-14.2	-25.1	270.3	15.5	15.5	-0.1	315.8	319.0	1.0	30.8	12.8	100.
18.3	23.2	6113.0	475.0	-15.9	-29.5	278.6	19.6	19.4	-2.9	317.1	319.4	0.7	32.6	14.1	100.
19.2	23.3	6515.7	450.0	-17.0	-39.8	285.2	22.4	21.5	-5.1	321.6	322.8	0.3	11.9	15.9	100.
20.5	23.7	6931.3	425.0	-20.4	-42.0	292.2	20.2	18.7	-7.6	322.9	323.7	0.2	12.5	17.6	101.
21.1	23.3	7321.5	400.0	-23.3	-55.4	293.2	19.5	17.5	-8.5	324.1	324.3	0.0	3.1	19.3	102.
21.5	23.0	7652.9	375.0	-27.9	-58.3	293.9	19.4	17.0	-9.4	324.8	324.9	0.0	3.6	21.1	103.
22.2	23.7	8030.3	350.0	-32.2	-60.5	295.2	18.6	15.2	-13.7	325.3	325.4	0.0	4.0	22.7	105.
23.3	24.7	8453.1	325.0	-35.0	-63.2	303.7	21.9	17.1	-13.7	325.3	326.0	0.0	4.5	24.5	107.
24.5	23.3	8915.7	300.0	-42.1	-62.9	309.7	27.3	21.0	-17.4	325.0	329.9	99.9	99.9	26.8	109.
25.4	23.2	9328.0	275.0	-46.9	-59.9	312.0	24.2	18.0	-16.2	327.3	329.9	99.9	99.9	29.6	111.
26.4	27.3	10523.6	250.0	-51.8	-62.9	293.5	29.4	25.6	-14.5	329.0	329.9	99.9	99.9	32.7	112.
27.3	23.2	11257.0	225.0	-57.6	-69.9	293.0	33.8	29.9	-15.0	330.2	329.9	99.9	99.9	37.1	113.
28.3	23.0	12035.2	200.0	-59.9	-69.9	309.7	32.7	25.5	-20.5	337.8	329.9	99.9	99.9	41.4	114.
29.3	11.0	12332.8	175.0	-65.4	-69.9	304.2	21.8	18.0	-12.2	332.0	329.9	99.9	99.9	44.7	115.
30.5	12.3	12735.3	150.0	-64.5	-62.9	309.4	26.7	25.2	-8.9	332.1	329.9	99.9	99.9	48.1	115.
37.0	12.3	13225.2	125.0	-61.2	-59.9	309.9	29.9	29.9	99.9	334.2	329.9	99.9	99.9	52.2	115.
38.7	12.3	13535.0	100.0	-53.7	-59.9	309.9	29.9	29.9	99.9	334.2	329.9	99.9	99.9	52.2	115.
39.9	93.2	92.9	75.0	51.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	93.2	92.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

28 APRIL 1979
1105 GUT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTG CM/SEC	RH PCT	RANGE KM	AZ DEG
0.0	21.2	1473.0	849.0	14.5	-5.3	20.0	2.1	-0.7	-2.0	303.2	312.5	3.0	22.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	23.6	1718.7	825.0	20.0	-2.3	200.2	16.2	14.3	-7.7	308.2	321.2	3.0	21.0	0.0	135.0
1.6	26.1	1982.8	800.0	16.5	-3.8	302.0	16.3	13.9	-8.6	316.4	321.4	3.0	21.0	1.2	125.0
2.5	28.7	2253.3	775.0	15.5	-5.5	297.5	15.2	13.5	-7.0	311.0	320.8	3.0	22.5	2.2	123.0
3.4	31.3	2539.5	750.0	14.1	-6.8	284.0	11.9	11.5	-2.9	311.9	321.2	3.0	22.7	2.9	121.0
4.2	34.0	2815.5	725.0	12.6	-6.3	264.3	9.7	9.7	1.0	313.3	323.2	3.0	26.2	3.3	117.0
5.1	36.7	3109.2	700.0	10.8	-6.3	240.4	8.6	7.5	4.3	314.2	324.8	3.0	29.3	3.7	112.0
6.0	39.4	3410.9	675.0	8.2	-3.8	220.9	10.2	7.7	6.7	314.5	327.8	4.3	42.6	3.9	106.0
7.0	42.2	3723.1	650.0	5.1	-3.0	231.6	12.3	9.7	7.6	314.6	329.0	4.7	55.8	4.3	98.0
8.0	45.0	4040.0	625.0	1.8	-3.3	233.5	13.4	10.7	7.9	314.2	328.8	4.0	68.7	4.9	92.0
9.1	47.9	4368.2	600.0	-0.8	-4.5	244.4	15.1	13.6	6.5	315.2	328.9	4.6	76.1	5.7	87.0
10.2	50.9	4707.3	575.0	-2.8	-5.7	259.2	17.3	17.0	3.2	316.7	323.0	2.0	36.4	6.0	84.0
11.4	53.9	5058.0	550.0	-5.3	-15.7	276.5	17.3	17.2	-2.0	317.6	320.7	0.9	18.3	8.0	85.0
12.5	57.0	5422.5	525.0	-6.6	-25.7	292.2	17.1	15.0	-6.5	320.2	323.5	0.9	20.2	9.1	87.0
13.8	60.1	5801.0	500.0	-10.0	-35.7	300.2	13.1	11.3	-6.6	320.2	324.0	0.9	26.2	10.1	91.0
15.2	63.4	6193.7	475.0	-13.5	-22.3	296.2	12.7	11.4	-5.6	321.3	325.7	1.3	47.4	11.0	93.0
16.5	66.8	6603.1	450.0	-16.5	-22.9	293.4	15.3	14.0	-6.1	322.6	327.0	1.3	57.4	12.0	95.0
17.6	70.3	7030.7	425.0	-19.5	-27.0	295.5	17.7	16.0	-7.4	324.1	327.4	1.0	51.1	13.3	97.0
19.1	73.8	7478.3	400.0	-22.5	-32.5	294.9	20.6	18.7	-8.7	325.7	327.9	0.6	39.5	14.7	99.0
20.5	77.5	7940.3	375.0	-25.8	-37.7	288.2	23.7	22.5	-7.4	327.4	328.0	0.4	31.4	16.5	100.0
22.1	81.3	8444.9	350.0	-30.0	-41.1	288.4	26.7	23.4	-7.8	328.4	329.4	0.3	32.0	18.9	101.0
23.9	85.2	8968.5	325.0	-33.9	-44.6	290.3	26.5	24.9	-9.2	329.9	330.8	0.2	32.0	21.5	102.0
26.0	89.3	9524.0	300.0	-38.3	-48.2	294.8	25.7	27.0	-12.4	331.4	332.0	0.2	34.0	25.0	103.0
28.1	93.7	10115.8	275.0	-43.5	-59.9	297.3	33.1	29.4	-15.2	332.3	332.0	0.9	99.9	28.9	105.0
30.6	99.3	10749.2	250.0	-45.0	59.9	299.6	32.9	28.6	-16.3	333.2	330.9	99.9	99.9	33.7	107.0
33.0	103.2	11431.6	225.0	-54.5	99.9	306.7	36.8	31.1	-23.2	335.0	335.0	99.9	99.9	38.6	109.0
35.5	109.5	12178.5	200.0	-60.1	99.9	307.6	44.9	35.2	-27.1	337.6	337.6	99.9	99.9	44.7	112.0
38.4	116.3	13004.6	175.0	-62.9	99.9	299.7	52.0	45.1	-25.0	346.1	346.1	99.9	99.9	52.6	114.0
42.1	120.7	13940.6	150.0	-66.3	99.9	308.0	49.4	42.8	-24.7	358.9	358.9	99.9	99.9	64.8	115.0
45.5	127.7	15045.0	125.0	-65.7	99.9	299.4	31.8	27.7	-18.6	370.8	370.8	99.9	99.9	72.9	118.0
49.9	135.7	16379.1	100.0	-66.9	97.9	99.9	99.9	99.9	99.9	398.5	398.5	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS25 APRIL 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	20.8	1473.0	850.0	20.3	-4.0	360.8	9.8	0.0	-9.8	307.4	317.3	3.3	19.0	110.0	95.0
99.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
2.0	23.3	1729.6	825.0	19.0	-4.3	295.6	14.6	13.2	-6.3	305.7	318.7	3.4	20.2	0.8	116.0
2.9	28.4	2264.3	775.0	17.6	-10.3	283.2	15.1	14.7	-5.6	310.5	320.1	3.0	18.1	1.7	115.0
3.9	31.0	2542.6	750.0	15.3	-8.2	264.6	12.1	12.0	-3.5	312.7	319.7	2.2	13.8	2.6	112.0
5.0	33.7	2829.1	725.0	13.3	-4.5	241.9	10.1	8.9	4.8	314.1	325.5	3.8	28.6	3.4	109.0
6.0	36.3	3123.0	700.0	10.6	-4.1	237.7	10.3	8.7	5.5	314.2	326.4	4.0	35.4	4.0	102.0
7.0	39.0	3424.4	675.0	7.8	-2.0	243.0	11.8	10.5	5.4	314.4	329.0	4.9	50.0	5.0	92.0
8.1	41.5	3734.7	650.0	5.5	-7.0	251.9	14.7	14.0	4.5	315.2	325.9	3.5	40.1	5.8	89.0
9.2	44.6	4053.9	625.0	2.7	-9.7	255.2	16.4	15.8	4.2	315.4	324.7	2.9	39.4	5.8	86.0
10.4	47.6	4382.7	600.0	0.6	-19.8	267.2	16.3	16.3	0.8	315.5	321.2	1.3	20.0	3.0	85.0
11.8	50.5	4722.4	575.0	-2.3	-23.7	275.6	14.7	14.6	-1.4	317.3	320.5	1.0	17.5	9.2	86.0
13.2	53.5	5073.4	550.0	-5.0	-26.7	281.6	13.5	13.2	-2.7	313.1	320.8	0.8	16.2	10.4	88.0
14.7	56.6	5437.4	525.0	-7.2	-23.4	284.2	12.8	12.4	-3.1	319.7	323.4	1.1	26.2	11.6	89.0
16.2	59.4	5815.7	500.0	-10.1	-20.7	288.1	13.0	12.4	-4.0	320.7	325.5	1.5	41.5	12.7	91.0
17.7	63.0	6208.4	475.0	-13.2	-23.5	296.7	13.8	12.3	-5.2	321.6	325.6	1.2	41.4	13.8	92.0
19.3	66.4	6618.5	450.0	-15.5	-30.1	309.2	15.2	11.8	-7.5	323.2	325.2	0.7	27.4	15.3	95.0
20.8	69.8	7047.3	425.0	-18.9	-33.5	308.9	17.2	13.4	-10.0	323.2	325.6	0.5	25.9	15.3	95.0
22.4	73.3	7455.6	400.0	-22.7	-35.2	306.7	19.5	14.9	-11.1	325.5	327.2	0.5	30.8	17.7	101.0
24.3	77.0	7855.5	375.0	-25.4	-36.8	304.3	22.1	13.2	-12.6	325.7	328.3	0.4	36.2	19.9	104.0
26.4	80.8	8460.4	350.0	-30.4	-39.5	301.5	25.1	22.5	-13.7	327.7	329.0	0.3	40.1	22.6	106.0
28.6	84.7	8983.8	325.0	-34.0	-42.8	294.0	30.1	27.5	-12.2	329.6	332.3	0.3	40.1	25.4	109.0
30.7	89.8	9535.5	300.0	-38.2	-46.6	292.4	32.4	30.0	-12.3	331.6	332.3	0.2	40.5	30.2	109.0
32.5	93.3	10131.9	275.0	-42.3	59.9	297.1	35.3	31.4	-16.1	332.6	333.3	99.9	99.9	33.9	109.0
34.7	98.0	10765.6	250.0	-48.8	99.9	301.9	34.1	29.9	-18.0	333.5	333.5	99.9	99.9	38.5	110.0
37.2	102.8	11449.7	225.0	-53.8	99.9	308.8	40.6	31.6	-25.4	336.0	336.0	99.9	99.9	43.5	112.0
39.9	109.2	12196.9	200.0	-58.5	99.9	306.5	47.0	37.3	-27.9	339.2	339.2	99.9	99.9	50.5	115.0
43.5	114.0	13031.7	175.0	-61.0	99.9	300.6	50.2	43.2	-25.5	339.2	339.2	99.9	99.9	61.2	116.0
46.5	120.3	13977.5	150.0	-64.9	99.9	322.2	46.59	39.4	-24.8	338.2	338.2	99.9	99.9	69.8	117.0
49.7	127.3	15075.2	125.0	-68.6	99.9	331.6	37.38	31.8	-19.6	339.9	339.9	99.9	99.9	78.0	117.0
54.0	135.3	16412.5	100.0	-65.7	99.9	999.9	99.9	99.9	99.9	430.6	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CAPTIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

28 APRIL 1979
1705 GAT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E PDY T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	21.4	1473.0	864.3	27.1	-4.7	280.0	11.8	11.6	-2.0	314.4	324.1	3.2	12.0	0.0	0.
0.5	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.5	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	99.9	99.9	850.0	26.0	-4.7	278.9	12.3	12.2	-1.9	313.4	323.0	3.2	13.0	0.1	19.
4.0	21.5	1484.4	825.0	20.9	-4.5	277.8	16.1	15.9	-2.2	310.7	320.7	3.0	17.6	0.0	40.
4.5	24.0	1744.6	800.0	18.5	-6.2	281.0	15.7	15.4	-3.0	310.5	319.9	3.0	18.1	1.6	95.
5.0	29.1	2279.7	775.0	15.6	-7.6	286.6	14.1	13.6	-4.0	310.4	319.1	2.8	19.4	2.3	97.
5.5	31.7	2557.2	750.0	14.9	-11.3	282.1	11.1	10.8	-2.3	312.8	319.4	2.1	15.2	3.2	101.
6.0	34.3	2842.5	725.0	12.9	-13.3	259.6	9.2	9.0	1.7	313.6	319.9	1.9	14.7	3.0	109.
6.5	37.1	3136.0	700.0	11.1	-16.6	249.1	10.8	10.1	3.8	316.2	320.4	1.8	14.8	4.3	96.
7.0	42.7	3747.8	675.0	8.4	-16.6	243.0	12.2	10.8	5.5	315.1	320.0	1.5	15.1	4.9	92.
7.5	45.5	4060.6	650.0	5.5	-16.5	239.2	13.5	11.6	6.9	315.1	320.3	1.6	18.8	5.5	88.
8.0	48.4	4395.2	625.0	2.7	-20.2	247.1	12.8	11.8	5.0	315.6	319.6	1.2	16.6	6.2	85.
8.5	51.4	4734.2	600.0	0.3	-25.9	257.4	12.8	13.6	2.8	316.5	319.1	0.8	11.8	7.0	84.
9.0	54.5	5024.7	575.0	-2.8	-27.2	263.8	13.7	13.5	1.7	316.5	320.7	0.7	13.3	8.0	82.
9.5	57.6	5448.6	550.0	-7.3	-25.3	269.9	13.7	13.7	3.1	317.8	320.7	0.9	19.1	9.2	84.
10.0	60.8	5826.3	525.0	-10.8	-25.0	270.7	12.7	12.5	-0.2	319.6	322.4	1.0	22.7	10.5	85.
10.5	64.0	6218.6	500.0	-12.4	-32.4	281.2	12.7	13.2	-2.5	319.6	323.1	1.0	28.8	11.5	85.
11.0	67.4	6628.5	475.0	-13.5	-35.1	304.4	15.7	13.7	-5.8	321.4	323.2	0.5	18.8	12.4	87.
11.5	70.9	7026.0	450.0	-15.5	-37.5	303.8	17.2	14.2	-8.5	323.7	325.6	0.5	21.3	13.3	89.
12.0	74.1	7473.3	425.0	-18.4	-40.0	297.9	18.7	15.5	-10.4	324.1	325.7	0.4	23.2	14.3	92.
12.5	77.5	7943.5	400.0	-23.3	-41.1	297.9	21.9	19.4	-10.2	326.1	327.1	0.4	25.7	15.7	96.
13.0	82.0	8435.6	375.0	-26.8	-46.0	294.0	26.0	23.8	-10.6	327.2	327.8	0.3	26.2	17.4	98.
13.5	85.9	8957.7	350.0	-30.9	-47.4	296.8	28.5	25.4	-12.6	329.0	329.7	0.2	20.7	19.9	100.
14.0	89.2	9511.6	325.0	-34.6	-49.9	299.3	28.9	26.1	-15.1	330.5	329.9	0.2	25.5	22.8	102.
14.5	92.4	10101.7	300.0	-38.0	-49.9	299.7	30.4	26.4	-15.1	331.3	329.9	0.9	99.9	26.1	104.
15.0	95.2	10732.9	275.0	-44.1	-49.9	299.0	30.4	26.4	-15.1	331.3	329.9	0.9	99.9	29.5	106.
15.5	98.0	11418.9	250.0	-48.0	-49.9	299.0	30.4	26.4	-15.1	331.3	329.9	0.9	99.9	33.2	108.
16.0	103.4	12107.9	225.0	-52.2	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	37.6	109.
16.5	107.4	12707.9	200.0	-55.5	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	99.9	99.9
17.0	113.3	13006.7	175.0	-62.0	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	99.9	99.9
17.5	121.5	13943.6	150.0	-65.5	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	99.9	99.9
18.0	128.3	15068.6	125.0	-67.7	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	99.9	99.9
18.5	135.3	16308.7	100.0	-67.7	-49.9	302.5	36.5	30.8	-16.6	336.5	329.9	0.9	99.9	99.9	99.9
19.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.5	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 14
HARPA, TEXAS28 APRIL 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT Y DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.3	1473.0	850.3	29.1	-4.3	300.0	9.8	8.5	-4.9	316.6	326.6	3.3	11.0	119	93.0
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	21.3	1476.1	850.0	28.9	-4.2	299.0	9.8	8.5	-4.9	316.4	326.3	3.3	11.3	0.0	5.0
1.0	23.9	1738.7	825.0	22.2	-3.2	296.8	9.2	8.2	-4.1	312.0	323.0	3.7	18.1	0.6	11.0
2.0	26.5	2002.5	800.0	19.6	-4.7	303.0	8.4	7.1	-4.6	312.1	322.3	3.4	18.8	1.1	11.0
3.6	29.1	2274.1	775.0	17.2	-5.3	302.0	8.6	7.3	-4.6	312.3	322.4	3.3	21.0	1.9	11.0
4.6	31.8	2552.2	750.0	14.5	-6.7	289.5	8.6	6.1	-2.9	312.4	321.7	3.1	22.3	2.4	11.0
5.3	34.4	2837.2	725.0	12.2	-7.5	286.9	7.2	6.9	-2.1	312.5	322.0	3.0	24.4	2.8	11.0
6.5	37.2	3125.6	700.0	9.4	-8.3	283.7	6.6	6.4	-1.6	312.5	321.8	2.9	27.8	3.2	11.0
7.6	40.0	3428.5	675.0	6.7	-11.8	287.8	6.1	7.7	-2.5	313.2	320.3	2.3	25.1	3.7	11.0
8.8	42.8	3738.5	650.0	4.6	-15.4	282.0	11.1	10.8	-2.3	314.2	319.8	1.8	21.8	4.3	11.0
10.2	45.7	4037.0	625.0	3.2	-19.1	274.4	13.9	13.8	-1.1	316.1	320.5	1.3	17.6	5.4	11.0
11.7	49.6	4386.7	600.0	1.2	-18.5	272.4	13.4	13.4	-0.6	317.2	322.3	1.5	21.2	6.6	10.0
13.0	51.6	4727.6	575.0	-1.1	-19.7	273.9	15.3	15.2	-1.1	318.2	323.3	1.4	22.6	7.7	10.0
14.3	54.8	5080.4	550.0	-3.5	-20.5	272.6	16.9	16.9	-0.8	320.0	324.4	1.4	25.3	8.9	10.0
15.9	57.9	5468.5	525.0	-5.9	-23.5	271.3	17.5	17.5	-0.4	321.3	324.9	1.1	22.5	10.2	10.0
17.4	61.0	5826.9	500.0	-8.4	-25.6	282.2	14.8	14.5	-3.1	322.5	326.1	0.9	23.3	11.5	10.0
18.4	64.3	6223.2	475.0	-10.9	-30.4	294.2	15.9	14.5	-0.5	324.5	326.7	0.6	19.2	12.8	10.0
20.0	67.7	6636.5	450.0	-13.8	-31.0	291.6	16.5	15.3	-0.1	325.5	329.1	0.6	21.8	14.3	10.0
21.8	71.1	7067.9	425.0	-17.2	-33.2	292.6	18.5	17.1	-7.1	326.5	328.8	0.5	23.2	16.1	10.0
23.7	74.7	7520.1	400.0	-20.9	-33.7	295.3	20.5	13.6	-8.8	329.0	330.2	0.3	17.0	18.3	10.0
25.6	78.5	7994.9	375.0	-24.0	-40.2	292.6	20.8	19.2	-8.0	329.5	331.0	0.3	20.5	20.7	10.0
27.5	82.3	8454.9	350.0	-27.7	-42.6	289.8	23.2	21.8	-7.8	331.5	332.4	0.2	22.4	23.1	10.0
29.7	86.3	9023.8	325.0	-31.6	-46.6	290.4	27.1	25.4	-0.4	333.1	333.6	0.2	21.1	26.4	10.0
32.0	93.6	9564.1	300.0	-36.5	-49.8	288.1	28.5	27.1	-0.8	334.9	334.5	0.1	26.4	30.1	10.0
34.6	95.0	10181.1	275.0	-41.8	-59.9	292.0	32.0	29.7	-12.0	334.7	999.9	99.9	999.9	35.1	108.0
37.2	99.6	10821.1	250.0	-46.6	-69.9	305.8	31.2	25.3	-18.2	336.5	999.9	99.9	999.9	39.8	109.0
39.7	104.4	11511.8	225.0	-52.4	-69.9	311.1	35.8	27.0	-23.5	338.2	999.9	99.9	999.9	44.4	111.0
42.0	109.8	12264.4	200.0	-57.3	-69.9	309.5	48.0	37.0	-30.6	342.1	999.9	99.9	999.9	49.9	113.0
44.6	115.5	13097.9	175.0	-62.5	-69.9	305.6	50.3	40.9	-29.2	346.6	999.9	99.9	999.9	57.7	115.0
48.2	121.8	14039.3	150.0	-67.6	-69.9	301.3	52.08	44.4	-27.1	353.7	999.9	99.9	999.9	68.6	117.0
52.1	129.7	15134.2	125.0	-66.3	-69.9	331.0	61.48	35.5	-21.3	374.4	999.9	99.9	999.9	79.5	117.0
56.0	136.7	16485.4	100.0	-65.7	-69.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARPA, TEXAS

25 APRIL 1979
2305 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP OC C	GEN PT OC C	DIR DG	SPEED M/SEC	V COMP M/SEC	Y COMP M/SEC	POT T OC K	E POT F OC K	NR ATO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	28.0	1473.0	849.0	28.0	-5.0	280.0	6.2	6.1	-1.1	310.4	325.3	2.9	10.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	99.9	825.0	23.5	-1.9	252.4	10.1	9.7	3.1	313.2	325.3	4.0	18.2	0.5	73.
1.2	26.1	1991.4	600.0	21.3	-3.4	253.2	9.1	8.7	2.6	313.8	325.1	3.7	18.8	0.8	72.
1.9	28.7	2264.9	775.0	18.9	-2.9	265.9	6.3	6.3	0.4	314.2	326.2	4.0	22.7	1.1	74.
2.6	31.2	2544.4	750.0	15.7	-5.9	268.8	5.6	5.6	0.1	313.6	323.6	3.3	22.1	1.3	77.
3.5	33.9	2830.4	725.0	13.2	-6.9	268.1	6.3	6.3	0.2	313.5	323.3	3.1	24.6	1.7	78.
4.6	36.6	3123.9	700.0	10.3	-7.6	273.5	7.4	7.4	-0.5	313.5	323.3	3.1	27.6	2.1	82.
5.9	33.2	3424.7	675.0	7.5	-7.9	273.4	6.2	6.2	-0.5	314.0	323.6	3.1	32.6	2.7	84.
7.1	42.0	3734.0	650.0	4.0	-8.2	281.1	9.6	9.4	-1.8	314.4	323.6	3.2	38.4	3.3	84.
8.4	47.8	4032.0	600.0	1.3	-11.9	291.0	13.5	12.6	-4.6	315.4	324.8	2.9	39.2	3.9	89.
10.6	53.7	4723.0	575.0	-1.6	-14.1	288.2	17.2	15.9	-6.5	317.7	325.7	2.6	36.5	5.1	95.
12.1	53.7	5075.5	550.0	-3.7	-17.4	288.2	18.4	17.4	-9.7	318.4	325.3	2.2	37.3	6.4	98.
13.5	56.8	5441.0	525.0	-5.6	-24.3	288.0	18.7	17.0	-9.8	321.7	325.1	1.8	33.6	8.0	100.
14.7	59.9	5822.3	500.0	-8.5	-27.3	293.6	18.0	16.5	-7.2	322.6	325.4	1.6	21.1	9.7	100.
15.0	63.1	6217.5	475.0	-11.0	-29.2	289.8	20.0	18.8	-6.8	323.4	325.8	0.7	22.0	11.1	102.
17.2	65.3	6629.8	450.0	-14.1	-32.9	285.1	17.9	17.3	-4.7	325.2	327.4	0.7	22.0	12.4	103.
18.5	65.9	7060.7	425.0	-17.1	-33.9	288.2	16.3	15.5	-5.1	327.1	328.9	0.5	21.3	15.2	103.
20.0	73.3	7512.6	400.0	-20.7	-36.0	290.7	16.4	15.4	-5.0	328.2	329.6	0.4	21.0	16.7	100.
21.7	77.1	7966.6	375.0	-24.5	-40.8	291.6	17.6	16.4	-6.5	329.2	330.3	0.3	20.1	18.3	105.
23.4	81.0	8485.9	350.0	-28.2	-42.7	292.7	21.1	19.4	-8.1	330.7	331.6	0.2	23.3	20.2	105.
24.9	84.9	9014.3	325.0	-31.3	-43.2	294.1	27.0	25.3	-11.3	333.4	334.8	0.2	26.4	22.5	100.
26.8	89.0	9575.1	300.0	-36.6	-45.0	294.5	28.7	26.1	-11.9	333.8	334.6	0.2	37.4	25.6	107.
28.0	93.4	10171.9	275.0	-41.4	99.9	297.1	30.8	27.4	-14.0	335.3	336.9	99.9	99.9	29.7	100.
31.5	98.0	10811.3	250.0	-46.0	99.9	299.5	30.3	26.4	-14.9	336.3	337.9	99.9	99.9	30.0	110.
33.9	103.0	11503.6	225.0	-51.4	99.9	302.4	48.7	34.3	-21.0	339.7	340.9	99.9	99.9	30.7	111.
36.3	108.3	12258.4	200.0	-57.2	99.9	306.9	49.4	39.5	-29.7	342.2	343.6	99.9	99.9	31.3	113.
39.1	114.0	13092.1	175.0	-62.0	99.9	305.3	44.3	40.2	-28.8	347.6	348.9	99.9	99.9	31.5	115.
42.1	120.3	14032.1	150.0	-62.1	99.9	301.4	48.5	41.4	-23.4	352.5	353.9	99.9	99.9	32.1	116.
45.9	127.3	15124.0	125.0	-68.8	99.9	296.3	41.1	36.8	-18.2	358.0	359.9	99.9	99.9	32.9	117.
48.9	135.0	16020.2	100.0	-65.0	99.9	299.9	99.9	99.9	99.9	359.0	360.9	99.9	99.9	999.9	999.9
50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
54.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
56.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
MARFA, TEXAS

26 APRIL 1979
205 GMT

TIME MIN	CNTG	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GM/KG	PH PCT	RANGE KM	AZ DEG
0.0	20.9	1473.8	849.0	19.9	-4.4	330.0	3.1	1.6	-2.7	307.1	316.7	3.3	19.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.9	23.3	1722.3	825.0	23.3	-1.7	302.9	3.8	7.4	-4.8	313.2	325.5	4.1	18.9	3.4	124
1.8	25.8	1989.1	800.0	20.8	-2.5	297.2	3.7	7.7	-4.0	313.3	325.1	4.0	20.6	3.7	124
2.7	29.3	2251.8	775.0	18.1	-5.2	290.3	3.1	8.5	-3.1	313.2	324.1	3.6	21.5	1.4	119
3.7	30.9	2540.7	750.0	15.1	-5.2	291.9	3.2	9.0	-1.9	312.5	322.7	3.2	22.4	1.9	116
4.6	33.5	2826.4	725.0	12.3	-3.4	289.9	3.5	9.5	0.0	313.6	322.2	2.3	22.1	2.3	112
5.6	36.1	3115.5	700.0	12.2	-7.3	282.8	3.4	9.3	1.2	313.6	323.1	2.0	27.3	2.9	107
6.7	38.9	3420.5	675.0	7.6	-5.5	272.4	3.6	9.5	-0.4	314.1	323.2	2.0	23.5	3.3	103
7.7	41.5	3730.0	650.0	5.1	-9.7	282.7	13.6	10.3	-2.3	314.8	323.4	2.8	33.2	3.1	103
8.9	44.3	4043.8	625.0	2.6	-11.1	291.4	13.7	12.8	-5.0	315.4	323.5	2.5	35.6	4.7	103
10.1	47.3	4377.6	600.0	0.3	-13.1	271.1	16.8	15.6	-6.0	316.5	323.8	2.3	35.6	5.3	105
11.3	50.2	4717.2	575.0	-2.0	-14.8	258.6	18.2	18.2	-6.1	317.8	323.7	1.6	33.4	8.6	105
12.5	53.1	5066.4	550.0	-4.9	-16.4	290.7	17.9	16.0	-6.3	318.5	323.1	1.0	24.6	9.8	107
13.6	55.4	5432.8	525.0	-7.3	-18.1	297.7	14.4	12.8	-6.7	319.7	323.1	1.0	31.6	10.8	108
14.9	58.1	5811.0	500.0	-10.3	-23.9	302.0	13.8	11.7	-7.3	320.6	323.2	1.1	27.7	11.7	110
16.3	62.6	6204.3	475.0	-12.8	-29.8	297.6	15.5	13.7	-7.2	322.2	325.2	0.9	23.3	13.4	110
17.9	65.9	6615.3	450.0	-14.9	-29.2	299.4	15.5	13.5	-7.6	324.5	327.1	0.8	23.3	15.5	110
19.5	69.8	7044.2	425.0	-18.4	-30.8	308.5	17.4	13.6	-10.8	325.4	327.8	0.7	22.4	16.9	112
20.9	72.9	7455.3	400.0	-20.3	-31.7	309.3	20.8	16.1	-13.2	326.6	331.0	0.6	21.5	18.5	115
22.6	75.5	7970.1	375.0	-24.3	-32.4	305.2	23.6	19.2	-13.6	329.5	332.1	0.6	21.5	20.7	116
24.0	80.3	8469.4	350.0	-28.1	-37.7	299.9	25.6	22.1	-12.6	330.9	332.1	0.3	31.5	23.5	116
25.9	84.3	8956.6	325.0	-32.7	-42.8	295.0	25.9	23.5	-10.9	331.4	332.6	0.3	35.5	27.0	116
29.1	88.3	9555.0	300.0	-37.3	-44.3	293.1	26.3	24.2	-10.3	332.6	333.7	0.2	47.4	27.0	116
30.4	92.8	10149.6	275.0	-41.9	-49.9	296.6	28.5	25.5	-12.7	334.2	334.2	99.9	999.9	30.7	115
32.3	97.2	10708.0	250.0	-47.1	-54.9	303.4	32.9	27.4	-18.1	336.1	336.1	99.9	999.9	34.2	115
34.7	102.2	11477.6	225.0	-52.3	-59.9	309.7	43.2	37.5	-21.4	338.4	338.4	99.9	999.9	39.4	117
35.9	107.4	12228.6	200.0	-56.6	-59.9	300.6	48.3	41.5	-24.6	340.0	340.0	99.9	999.9	45.8	117
40.1	113.3	13058.9	175.0	-63.3	-59.9	300.6	49.9	42.9	-25.6	345.4	345.4	99.9	999.9	55.0	116
43.3	119.3	13992.2	150.0	-68.7	-59.9	300.6	45.4	39.1	-23.1	351.7	351.7	99.9	999.9	64.2	116
46.6	125.5	15030.3	125.0	-65.9	-59.9	294.9	36.8	33.4	-15.5	368.4	368.4	99.9	999.9	72.8	116
51.0	134.3	16415.6	100.0	-66.7	-59.9	299.9	99.9	99.9	99.9	398.9	398.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
99 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
MARFA, TEXAS

26 APRIL 1979
065 GMT

TIME MIN	CNTCT	WEIGHT GPN	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	M COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 2 DG K	MX RTO GM/KG	RM PCF	RANGE KM	AZ DG
0.0	23.6	1673.0	850.7	15.4	-3.5	330.0	4.1	2.1	-3.6	302.2	312.3	3.5	27.0	0.0	0
59.9	99.9	99.9	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
59.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
59.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
59.9	99.9	99.9	900.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
59.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
0.0	23.5	1680.1	850.0	16.2	-3.1	327.2	4.3	2.3	-3.6	303.1	313.6	3.6	26.5	0.0	14
0.9	22.9	1736.2	825.0	23.0	-0.1	303.7	7.4	6.2	-4.1	312.9	326.6	4.6	21.6	0.4	127
2.0	25.4	2005.9	800.0	20.6	-2.0	303.5	9.3	7.0	-5.1	313.2	325.4	4.1	21.7	0.9	125
3.0	27.9	2270.4	775.0	18.1	-3.3	303.4	10.3	8.6	-5.7	313.2	324.9	3.9	23.2	1.5	125
3.5	30.3	2557.4	750.0	15.4	-5.1	299.0	11.5	9.9	-5.5	313.3	323.7	3.5	24.0	2.1	124
5.0	32.9	2642.2	725.0	12.9	-5.9	301.5	12.2	10.4	-6.3	313.6	323.8	3.4	26.4	2.8	122
6.0	35.5	3136.3	700.0	10.1	-6.9	300.9	16.9	16.0	-7.4	313.7	323.7	3.3	29.5	3.7	123
7.2	38.2	3437.3	675.0	7.6	-7.6	293.2	17.4	16.0	-6.8	314.2	324.0	3.2	32.5	4.8	121
9.2	40.9	3747.3	650.0	4.4	-12.2	287.4	16.3	17.4	-5.4	316.2	323.4	2.3	25.1	5.9	119
9.5	43.6	4067.6	625.0	3.8	-13.3	292.1	16.3	15.1	-6.1	316.2	323.6	2.2	27.3	7.2	117
10.9	46.4	4397.5	600.0	1.0	-13.9	299.9	14.3	12.4	-7.1	317.2	324.1	2.2	31.9	8.4	117
12.0	49.3	4736.0	575.0	-1.8	-15.3	298.9	12.8	11.2	-6.2	317.5	324.3	2.0	34.0	9.4	117
13.3	52.2	5085.5	550.0	-4.8	-17.5	292.0	12.9	11.9	-5.0	318.2	324.0	1.8	36.2	10.4	117
14.6	55.3	5454.3	525.0	-6.4	-21.1	290.5	9.9	9.3	-3.5	320.7	325.2	1.3	30.8	11.2	117
15.8	58.4	5833.4	500.0	-5.6	-21.8	296.9	41.7	10.4	-5.3	321.3	325.7	1.3	36.1	12.0	116
17.3	61.5	6227.4	475.0	-12.5	-24.1	294.7	13.7	12.5	-5.7	322.5	326.3	1.1	37.2	13.1	117
19.1	64.7	6636.2	450.0	-15.4	-26.1	291.5	15.5	14.4	-5.7	323.5	327.3	1.0	39.0	14.7	116
21.6	71.4	7517.9	400.0	-21.1	-32.6	299.3	17.5	15.3	-8.1	325.2	327.9	0.8	38.4	16.3	116
23.0	75.1	7990.9	375.0	-24.9	-36.9	294.4	22.4	20.4	-8.4	327.6	329.0	0.6	34.0	17.8	116
25.7	78.8	8489.0	350.0	-28.3	-34.5	290.7	25.4	23.0	-9.0	328.7	330.2	0.4	31.4	19.7	116
27.0	82.7	9017.3	325.0	-31.0	-42.4	291.1	30.1	24.1	-10.8	329.6	332.8	0.3	28.4	22.2	116
27.9	86.8	9578.3	300.0	-36.2	-41.6	291.5	30.4	28.3	-11.1	334.2	335.5	0.3	27.2	25.6	115
32.3	91.0	10176.6	275.0	-40.5	99.9	295.9	32.3	29.1	-14.1	338.2	339.9	99.9	999.9	34.8	115
34.6	95.6	10819.1	250.0	-45.4	99.9	297.4	36.6	32.5	-16.8	339.2	339.9	99.9	999.9	36.7	115
37.8	100.4	11512.6	225.0	-51.3	99.9	295.5	38.9	35.1	-18.7	339.8	339.9	99.9	999.9	43.8	115
33.5	105.4	12264.9	200.0	-52.7	99.9	295.7	42.9	38.3	-18.4	339.8	339.9	99.9	999.9	50.2	115
42.8	111.4	13053.6	175.0	-62.6	99.9	294.4	44.3	42.2	-19.2	340.4	339.9	99.9	999.9	59.1	115
45.3	117.5	14032.3	150.0	-66.5	99.9	292.5	43.0	39.7	-16.4	355.3	339.9	99.9	999.9	68.7	115
47.8	124.3	15126.4	125.0	-70.7	99.9	296.6	36.34	32.5	-16.3	366.6	339.9	99.9	999.9	78.8	115
54.2	132.3	16453.7	100.0	-70.2	99.9	999.9	99.9	99.9	-10.9	392.1	339.9	99.9	999.9	999.9	999
99.9	98.0	95.9	75.0	58.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
97.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

26 APRIL 1979
005 GRT

TIME MIN	CHTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT-T DG M	E POT-T DG M	MX ATG CM/KG	AM PCY	RANGE KM	AZ DG
0.0	20.2	1473.0	850.7	14.8	-2.6	340.0	2.1	0.7	-2.0	301.0	312.3	3.7	30.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	20.3	1488.1	850.0	13.4	-2.3	336.8	2.8	1.1	-2.6	302.3	313.3	3.8	29.5	0.0	10.
0.9	22.7	1737.9	825.0	21.3	-0.0	311.6	10.2	8.7	-5.3	311.1	324.7	4.6	24.0	0.4	110.
1.8	25.2	2033.2	800.0	19.3	-1.3	292.9	10.6	9.8	-4.1	311.8	324.6	4.3	24.7	1.0	117.
2.7	27.7	2274.9	775.0	17.0	-2.4	291.8	11.0	10.0	-4.3	312.1	324.3	4.1	24.3	1.6	113.
3.6	30.3	2553.3	750.0	14.7	-3.4	296.6	12.6	11.3	-5.6	312.5	324.4	4.0	28.3	2.3	114.
4.6	32.9	2833.4	725.0	12.0	-4.2	297.6	14.9	13.2	-6.9	312.7	324.3	3.9	31.9	3.0	116.
5.6	35.5	3121.2	700.0	9.3	-5.1	295.5	15.9	14.4	-6.9	313.4	324.6	3.7	34.4	4.0	116.
6.5	38.2	3411.7	675.0	7.2	-6.8	294.2	14.0	13.4	-3.9	313.8	324.1	3.4	35.0	4.0	115.
7.8	40.9	3740.9	650.0	5.1	-10.6	287.8	10.5	15.7	-5.0	314.6	322.9	2.6	31.1	5.9	113.
8.9	43.7	4059.5	625.0	2.2	-12.4	288.2	10.8	15.9	-5.2	315.0	322.3	2.4	32.8	7.0	113.
9.9	45.6	4387.5	600.0	-0.7	-12.5	284.4	16.2	15.7	-6.0	315.3	322.9	2.4	40.5	8.1	112.
11.1	47.4	4726.4	575.0	-2.3	-14.0	279.4	13.5	13.3	-2.2	317.3	324.0	2.1	37.5	9.2	111.
12.4	52.4	5079.2	55.0	-3.3	-18.9	271.7	9.3	9.3	-0.3	320.1	325.2	1.6	28.7	10.0	109.
13.7	55.5	5445.0	525.0	-6.3	-22.0	262.3	9.3	9.1	-2.0	322.9	325.0	1.2	27.4	10.6	109.
14.9	59.6	5925.2	500.0	-0.4	-23.3	266.9	12.0	10.7	-5.4	322.8	326.0	1.2	28.8	11.5	109.
16.3	61.9	6220.1	475.0	-12.3	-25.5	263.5	12.9	11.1	-6.5	322.8	326.1	1.0	32.0	12.4	110.
17.8	63.0	6530.9	45.0	-15.2	-29.4	262.6	16.3	15.1	-6.3	324.2	328.7	0.7	28.3	13.7	110.
19.5	67.4	7050.5	425.0	-18.4	-31.3	253.3	17.4	16.7	-4.7	325.4	327.6	0.6	29.6	15.3	110.
21.1	71.0	7510.2	400.0	-21.3	-32.4	253.4	19.4	18.6	-5.3	325.7	329.3	0.8	50.0	17.3	110.
23.1	75.5	8031.3	375.0	-24.2	-32.7	251.3	21.4	20.9	-4.4	327.0	329.3	0.6	53.9	19.6	109.
24.5	79.3	8577.3	350.0	-26.4	-31.4	251.2	23.2	21.6	-6.4	329.2	331.9	0.6	82.1	22.0	109.
26.5	83.2	9022.7	325.0	-29.0	-35.5	239.1	23.3	24.8	-0.6	331.2	333.3	0.6	78.0	24.4	109.
28.4	87.2	9551.4	300.0	-37.0	-37.5	238.0	33.3	31.7	-10.3	333.2	334.7	0.4	77.5	27.7	109.
32.3	91.5	10152.8	275.0	-41.5	-32.3	286.6	34.5	33.1	-0.9	335.1	999.9	99.9	99.9	31.5	109.
32.3	94.0	10795.9	250.0	-47.4	99.9	283.3	37.3	36.3	-0.6	335.6	999.9	99.9	99.9	36.0	109.
34.6	100.8	11463.2	225.0	-53.5	99.9	287.2	41.8	39.2	-12.1	336.6	999.9	99.9	99.9	41.2	108.
37.1	106.0	12230.1	200.0	-58.6	99.9	291.3	45.7	42.6	-16.6	340.0	999.9	99.9	99.9	47.9	108.
37.5	111.8	13000.5	175.0	-62.7	99.9	288.6	35.7	37.6	-12.6	346.5	999.9	99.9	99.9	53.9	108.
42.3	118.0	13992.0	150.0	-65.9	99.9	292.3	41.0	37.9	-15.5	350.6	999.9	99.9	99.9	63.9	108.
45.4	124.8	15398.1	125.0	-69.7	99.9	298.1	35.4	31.2	-10.7	368.7	999.9	99.9	99.9	67.8	108.
49.1	132.7	16410.4	100.0	-72.8	99.9	599.9	99.9	99.9	99.9	387.2	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
 MARFA, TEXAS

 26 APRIL 1970
 1100 EDT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ WFO CM/KG	RM PCT	RANGE KM	117 93. 0
3.0	21.1	1472.0	850.7	10.3	-2.7	290.0	2.1	2.0	-0.7	240.5	307.3	3.7	48.0	0.0	0.0
9.9	99.0	50.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.9	99.0	50.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.9	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.9	99.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.9	99.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.9	99.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	21.2	1482.0	850.0	11.0	-2.5	291.4	2.5	2.3	-0.9	297.7	308.3	3.7	38.9	0.0	0.0
0.9	23.6	1735.0	825.0	12.7	-0.9	309.1	6.7	6.7	-5.5	309.4	322.0	4.4	25.0	0.0	129.0
1.7	26.0	1998.0	800.0	17.6	-2.4	318.0	10.0	8.2	-7.0	309.5	321.0	4.0	25.5	0.0	129.0
2.9	29.5	2260.1	775.0	15.3	-3.1	310.8	13.0	10.5	-9.1	310.2	321.0	3.0	20.1	1.0	131.0
3.7	31.1	2545.6	750.0	13.3	-3.9	306.5	17.0	13.6	-10.1	311.1	322.4	3.0	20.9	2.0	130.0
4.6	33.7	2929.7	725.0	11.0	-4.3	302.9	18.5	15.5	-10.1	311.2	323.0	3.0	33.9	3.0	129.0
5.0	34.3	3121.1	700.0	8.2	-5.1	302.9	17.3	14.8	-9.4	311.6	322.0	3.0	38.6	4.0	127.0
7.0	38.0	3420.2	675.0	6.2	-5.2	303.1	17.7	14.8	-9.7	312.2	324.0	3.0	43.7	6.0	126.0
8.1	41.4	3722.0	650.0	3.3	-6.5	298.4	15.0	14.0	-7.6	312.7	323.6	3.0	48.6	7.2	125.0
9.4	44.0	4025.1	625.0	1.6	-11.3	282.1	12.7	12.4	-2.0	314.2	322.2	2.0	37.9	8.2	124.0
10.8	47.4	4327.1	600.0	-0.3	-15.1	278.7	13.7	13.5	-2.1	315.2	322.0	2.0	31.7	9.2	121.0
12.2	50.3	4712.3	575.0	-2.1	-14.8	279.5	15.0	15.3	-2.6	317.6	324.1	2.1	37.1	10.3	116.0
13.6	53.3	5064.1	550.0	-4.7	-17.0	280.3	16.1	15.9	-2.9	318.6	324.1	1.7	35.4	11.6	116.0
14.8	56.4	5429.0	525.0	-5.0	-24.8	277.0	15.0	15.4	-2.1	321.2	324.7	1.0	20.5	12.0	115.0
16.3	59.5	5810.0	500.0	-8.1	-27.7	276.1	18.7	18.6	-2.0	322.2	325.1	0.0	19.7	14.1	113.0
17.8	62.7	6202.6	475.0	-11.3	-29.7	272.5	16.0	16.7	-0.7	324.1	326.4	0.7	19.9	15.7	111.0
19.2	66.0	6617.0	450.0	-14.3	-32.2	280.3	19.7	18.9	-3.4	325.3	327.2	0.6	20.1	17.0	110.0
20.7	69.4	7040.3	425.0	-17.9	-35.2	285.4	20.0	19.3	-5.3	326.1	327.0	0.4	20.2	18.9	109.0
22.4	72.9	7498.2	400.0	-21.4	-39.1	287.9	20.2	19.2	-6.2	327.1	328.3	0.3	18.3	20.9	109.0
24.3	76.4	7970.3	375.0	-25.0	-37.4	280.9	21.0	19.2	-4.1	327.7	329.2	0.4	32.2	23.2	109.0
26.1	83.3	8467.0	350.0	-25.1	-30.2	291.0	23.5	23.0	-4.5	329.2	332.6	0.9	90.4	25.5	108.0
27.8	84.3	8992.7	325.0	-32.0	-33.3	285.5	25.9	25.0	-0.9	331.5	334.0	0.7	95.3	28.0	107.0
29.7	89.5	9522.2	300.0	-36.6	-38.0	283.8	33.4	32.4	-7.9	333.8	335.5	0.5	86.5	31.3	107.0
31.6	92.8	10140.3	275.0	-41.2	-40.9	281.7	39.2	38.3	-0.0	335.9	339.9	0.9	99.9	36.0	107.0
34.1	97.4	10782.7	250.0	-47.1	-49.9	279.4	41.4	40.9	-0.0	336.1	340.0	0.9	99.9	41.0	106.0
36.7	102.3	11476.3	225.0	-51.4	-59.9	278.4	45.9	45.5	-0.7	336.7	340.0	0.9	99.9	46.0	104.0
39.6	107.6	12222.0	200.0	-60.0	-69.9	280.9	49.2	48.3	-9.3	337.7	340.0	0.9	99.9	51.0	103.0
43.1	113.3	13050.3	175.0	-62.2	-69.9	282.0	50.0	48.7	-11.1	337.2	340.0	0.9	99.9	56.0	104.0
46.1	119.5	14001.1	150.0	-62.0	-69.9	282.0	49.5	48.3	-10.0	340.2	340.0	0.9	99.9	60.0	104.0
50.2	125.7	15108.3	125.0	-67.0	-69.9	286.2	30.0	28.5	-9.4	372.3	340.0	0.9	99.9	65.0	104.0
54.7	134.3	16446.4	100.0	-65.0	-69.9	286.2	30.0	28.5	-9.4	372.3	340.0	0.9	99.9	65.0	104.0
59.0	99.0	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.0	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.0	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
HORTON, TEXAS

25 APRIL 1979
1155 GMT

TIME M/M	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	WZ ATC CM/KG	RM PCT	RANGE KM	AZ DEG
00	17.7	1142.0	872.4	15.0	-7.6	270.0	0.1	0.1	0.0	300.0	310.2	3.0	20.0	0.0	0.
01	00.0	99.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	000.0	000.0	000.0
02	00.0	99.0	875.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	000.0	000.0	000.0
03	00.0	99.0	950.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	000.0	000.0	000.0
04	00.0	99.0	925.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	000.0	000.0	000.0
05	00.0	99.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	000.0	000.0	000.0
06	17.9	1165.3	875.0	16.9	-3.3	292.0	15.4	14.3	-5.0	301.3	311.2	3.0	20.0	0.2	01.
07	17.2	1183.0	850.0	20.3	-4.0	302.0	17.4	16.6	-7.1	309.2	317.3	3.0	19.0	1.0	120.
08	22.5	1470.0	825.0	15.0	-6.0	301.0	13.7	11.0	-7.1	309.2	310.2	3.0	17.2	1.0	120.
09	26.7	1714.4	800.0	18.1	-7.0	290.3	11.0	9.0	-6.0	310.5	319.0	2.0	17.3	2.0	121.
10	27.1	2109.0	175.0	16.6	-8.2	293.0	9.7	8.0	-6.2	311.7	319.0	2.7	17.0	2.0	121.
11	29.5	2472.5	141.1	14.1	-10.1	293.0	10.3	9.4	-6.1	311.7	319.2	2.4	17.0	3.0	120.
12	31.9	2766.5	125.0	11.3	-11.6	295.5	8.3	8.0	-6.2	311.5	318.6	2.2	18.7	4.0	119.
13	34.4	3050.2	100.0	8.3	-10.6	293.8	9.4	9.3	-6.2	312.6	320.3	2.0	23.0	4.0	117.
14	36.9	3358.3	650.0	6.7	-11.3	251.6	12.1	11.5	-6.0	313.2	320.5	2.4	20.0	5.0	104.
15	39.4	3667.0	450.0	4.4	-13.5	250.1	13.6	12.0	-6.0	313.9	320.4	2.1	23.0	5.0	104.
16	42.0	3984.4	425.0	1.7	-15.5	249.3	13.7	12.8	-6.0	314.4	320.1	1.8	20.0	6.0	102.
17	44.6	4311.0	400.0	-1.2	-17.0	252.0	15.7	15.0	-6.7	314.7	319.7	1.6	27.0	7.0	90.
18	47.2	4645.4	375.0	-3.3	-19.4	250.4	18.5	18.2	-6.7	316.1	320.7	1.4	27.0	8.0	90.
19	49.0	4999.2	550.0	-6.1	-20.2	261.7	18.2	18.0	-6.7	316.5	321.0	1.5	34.1	9.0	92.
20	51.6	5308.9	525.0	-8.6	-20.2	260.1	15.0	14.7	-6.7	316.5	321.7	1.5	41.0	10.0	92.
21	53.7	5730.1	505.0	-12.0	-21.0	261.1	16.4	16.2	-6.7	316.5	321.7	1.4	47.0	11.0	90.
22	56.6	6126.5	475.0	-18.6	-24.5	267.5	17.0	17.0	-6.7	319.2	322.6	0.9	36.7	12.0	90.
23	61.6	6533.5	450.0	-18.2	-26.7	272.2	18.7	18.7	-6.7	320.2	323.0	0.8	39.1	14.0	90.
24	64.8	6957.1	425.0	-22.1	-29.0	275.0	18.0	17.5	-6.7	320.7	323.4	0.8	53.0	16.0	90.
25	69.0	7400.3	400.0	-25.3	-32.1	278.4	19.0	19.7	-6.7	322.1	324.3	0.6	52.0	17.0	91.
26	71.3	7855.0	375.0	-25.1	-35.2	276.0	22.2	22.2	-6.7	323.1	324.9	0.5	54.0	19.0	91.
27	74.7	8355.7	350.0	-32.6	-40.3	276.3	26.6	26.6	-6.7	324.0	326.0	0.3	45.0	21.0	92.
28	79.3	8874.1	325.0	-31.4	-44.7	281.0	31.5	31.0	-6.0	326.2	327.3	0.2	47.0	23.0	92.
29	82.0	9423.2	300.0	-41.3	-49.9	287.6	34.4	32.8	-10.4	327.1	327.3	0.0	47.0	26.0	90.
30	85.0	10007.3	275.0	-46.7	-59.9	295.0	38.1	34.6	-16.1	327.6	327.3	0.0	47.0	30.0	90.
31	92.0	10611.7	250.0	-51.4	-59.9	299.9	99.0	99.0	99.0	329.7	329.9	0.0	47.0	30.0	90.
32	99.0	99.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
33	99.0	99.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
34	99.0	99.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
35	99.0	99.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
36	99.0	99.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
37	99.0	99.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
38	99.0	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39	99.0	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
40	99.0	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
 HUSTON, TEXAS

 28 APRIL 1979
 1412 GMT

TIME MIN	CNTST	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED KM/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KS	RM PCT	RANGE KM	97.0 DEG
0.0	17.0	1142.0	876.4	20.7	-2.4	270.0	10.3	10.3	0.0	305.0	315.6	3.7	21.0	0.0	0.0
59.9	99.9	99.9	7000.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	9.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	17.3	1175.6	875.0	20.4	-2.3	274.8	11.8	11.8	-1.0	305.0	315.6	3.7	21.8	0.0	0.0
1.1	19.5	1424.7	850.0	18.9	-3.0	290.3	17.0	15.9	-5.9	305.4	315.5	3.4	22.4	1.1	11.4
2.1	21.9	1681.0	825.0	19.5	-3.8	290.2	14.9	14.0	-5.1	305.4	319.7	3.5	20.4	2.1	11.3
3.1	24.0	1944.8	800.0	16.6	-6.0	280.9	11.5	11.2	-2.2	311.6	320.2	3.1	18.3	2.9	11.1
4.2	26.4	2215.7	775.0	16.6	-7.5	274.1	12.3	12.2	-0.9	311.7	320.2	2.8	18.4	3.6	10.9
5.3	29.6	2493.3	750.0	14.2	-9.3	264.3	10.9	10.9	1.1	312.6	319.6	2.5	18.6	4.3	10.5
6.3	31.0	2777.6	725.0	11.8	-10.0	254.9	11.7	11.3	3.0	312.4	320.0	2.5	20.7	4.9	10.2
7.4	33.5	3078.2	700.0	9.4	-11.5	253.9	12.4	11.9	3.4	312.4	319.9	2.3	21.5	5.7	9.8
8.5	35.9	3378.1	675.0	6.0	-12.7	264.2	12.0	11.9	1.2	313.3	319.9	2.1	23.2	6.4	9.5
9.6	39.4	3678.3	650.0	3.9	-13.6	273.2	13.0	13.0	-0.7	313.4	319.6	2.1	26.5	7.2	9.5
10.8	40.9	3955.6	625.0	1.7	-14.6	276.6	14.1	14.8	-1.6	314.4	320.6	2.0	28.4	8.2	9.5
11.9	43.5	4222.9	600.0	-1.0	-16.3	280.0	14.2	13.9	-2.4	315.0	320.6	1.8	30.2	9.2	9.5
13.1	46.2	4461.1	575.0	-3.2	-16.4	274.3	13.7	13.7	-1.0	315.3	322.1	1.8	35.0	10.1	9.6
14.2	49.9	5011.4	550.0	-5.3	-18.4	264.5	12.7	12.7	1.2	317.7	323.0	1.6	35.0	11.0	9.5
15.5	51.7	5375.1	525.0	-7.7	-22.0	266.4	15.3	15.3	0.9	318.1	323.2	1.2	38.7	12.0	9.4
16.6	54.5	5752.7	500.0	-10.9	-23.7	272.4	16.3	16.3	-0.7	320.2	323.9	1.1	32.9	13.2	9.4
17.6	57.5	6144.8	475.0	-14.3	-25.2	281.9	15.3	14.9	-3.1	320.3	323.7	1.0	38.8	14.5	9.4
18.5	60.4	6552.2	450.0	-17.7	-26.4	284.6	15.3	14.8	-3.9	321.0	324.2	1.0	46.5	15.7	9.5
19.5	63.5	6977.1	425.0	-21.2	-30.5	297.6	16.8	16.0	-5.1	321.9	324.3	0.7	42.8	17.2	9.4
20.5	66.6	7422.7	400.0	-23.7	-43.2	290.2	18.0	16.9	-6.2	324.2	324.9	0.2	14.7	19.0	9.7
21.5	69.9	7898.3	375.0	-27.6	-46.1	292.6	19.2	17.8	-7.4	325.1	325.7	0.2	15.0	21.1	9.8
22.5	73.3	8382.4	350.0	-31.9	-49.5	298.2	23.4	20.6	-11.0	325.8	326.3	0.1	15.4	23.2	10.0
23.5	76.9	8901.7	325.3	-36.0	-52.0	300.9	28.9	26.8	-14.8	327.1	327.5	0.1	17.1	26.2	10.2
30.7	80.6	9452.6	300.0	-40.2	99.9	300.0	33.6	29.1	-18.8	328.2	99.9	99.9	99.9	30.0	10.5
37.7	84.4	10048.0	275.0	-44.8	99.9	292.1	39.6	36.6	-14.9	330.4	99.9	99.9	99.9	34.4	10.6
34.9	88.5	10676.5	250.0	-50.6	99.9	292.4	37.4	35.1	-14.4	330.9	99.9	99.9	99.9	39.7	10.7
37.2	92.0	11347.3	225.0	-56.9	99.9	296.9	36.4	32.5	-16.5	331.2	99.9	99.9	99.9	44.6	10.8
39.8	97.4	12088.9	200.0	-59.3	99.9	296.8	48.8	39.1	-11.8	338.6	99.9	99.9	99.9	50.3	10.9
42.5	102.6	12922.1	175.0	-55.6	99.9	296.8	42.5	36.0	-19.2	351.8	99.9	99.9	99.9	57.4	10.9
45.6	106.0	13879.1	150.0	-64.2	99.9	303.7	24.4	20.3	-13.5	359.2	99.9	99.9	99.9	63.5	11.0
48.2	114.3	14982.7	125.0	-64.1	99.9	279.0	24.0	23.7	-3.7	375.4	99.9	99.9	99.9	68.0	11.0
51.5	121.3	16352.8	100.0	-62.3	99.9	99.9	99.9	99.9	99.9	407.3	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

[illegible]

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
00 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 15
MORTON, TEXAS
25 APRIL 1979
2047 GMT

TIME M/Y	CNTCT	HEIGHT GPM	PRES MB	TEMP OC C	GEN PT OC C	DIR OC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 2 DG K	MX WTD GM/KG	SH PCT	RANGE KM	AZ DG
0.0	17.7	1142.0	879.7	27.9	5.3	349.0	7.2	2.8	-0.8	308.2	326.3	6.4	30.0	0.0	0.
95.8	99.9	98.0	1000.0	58.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	18.1	1166.0	875.0	28.2	5.5	20.5	9.7	-3.4	-0.0	307.8	326.3	6.5	31.7	0.5	109.
0.8	20.4	1440.2	850.0	20.4	4.7	18.7	9.3	-3.0	-0.8	307.8	325.0	6.3	35.8	0.6	199.
1.3	22.6	1556.0	825.0	17.9	4.4	13.6	8.5	-2.0	-0.2	307.8	325.7	6.4	41.0	0.9	199.
2.0	25.0	1958.9	800.0	15.1	4.4	12.8	8.6	-1.9	-0.4	307.3	325.0	6.6	48.7	1.2	199.
2.7	27.4	2226.9	775.0	12.5	4.2	13.2	8.6	-1.8	-0.6	307.2	326.2	6.7	56.9	1.6	199.
3.8	29.7	2500.8	750.0	9.5	2.8	351.2	6.8	0.9	-0.0	306.6	324.7	6.3	62.8	2.0	199.
5.0	32.2	2781.7	725.0	7.9	0.6	297.4	6.0	5.9	-3.0	308.1	324.0	5.5	59.9	2.3	188.
6.3	34.7	3078.9	700.0	7.7	-0.9	200.7	12.2	12.1	-2.0	311.8	322.3	3.8	40.3	2.3	169.
7.6	37.2	3369.9	675.0	6.5	-9.5	275.3	13.7	13.6	-1.3	312.9	321.4	2.8	38.9	2.6	145.
9.7	39.8	3678.4	650.0	4.4	-13.6	280.4	14.2	14.0	-2.6	313.5	320.3	2.0	25.3	3.3	135.
9.8	42.3	3956.4	625.0	2.3	-15.4	285.2	15.9	15.6	-2.8	315.1	320.9	1.8	25.6	4.2	127.
10.9	45.0	4244.6	600.0	0.1	-18.3	277.4	17.9	17.8	-2.3	316.2	322.8	2.1	32.8	5.2	121.
12.1	47.7	4564.4	575.0	-2.2	-15.7	270.0	17.2	17.2	0.0	317.5	323.7	1.9	36.6	6.4	11.
13.5	50.4	5016.1	550.0	-4.7	-18.7	265.0	16.5	16.4	1.7	318.5	324.2	1.6	32.2	7.6	11.
15.1	53.3	5380.1	525.0	-7.8	-19.9	260.0	16.2	16.2	0.6	319.1	324.0	1.5	37.3	9.0	105.
16.5	55.1	5758.0	500.0	-9.9	-20.5	280.0	14.6	14.4	-2.5	321.8	323.5	0.7	20.1	10.3	105.
17.9	57.1	6151.3	475.0	-12.9	-29.6	281.7	15.9	15.5	-3.2	322.0	324.4	0.7	23.1	11.6	105.
19.2	62.3	6561.2	450.0	-16.0	-33.2	279.1	18.8	17.8	-0.8	323.1	324.9	0.5	21.1	12.9	104.
22.5	65.4	6985.7	425.0	-18.9	-35.3	275.7	19.2	19.2	-0.9	324.6	326.4	0.4	21.7	14.3	103.
22.0	64.6	7438.4	400.0	-22.1	-40.5	272.9	21.3	21.3	-1.1	326.2	327.2	0.3	17.0	16.1	102.
23.5	71.9	7909.2	375.0	-26.2	-40.4	278.7	24.2	24.0	-3.7	327.0	328.1	0.3	24.5	18.1	101.
25.3	75.4	8404.6	350.0	-30.1	-44.6	297.3	27.6	26.3	-8.2	328.2	329.0	0.2	22.0	20.9	101.
27.2	78.0	8927.0	325.0	-34.5	-48.4	291.1	29.8	27.8	-10.7	329.1	329.4	0.1	22.7	24.1	103.
29.2	82.8	9481.2	300.0	-39.2	-59.5	288.8	34.6	33.1	-10.0	330.1	330.6	0.1	32.4	28.0	104.
31.2	84.7	10072.3	275.0	-43.4	-69.9	285.1	36.6	35.2	-10.2	332.4	333.2	99.9	99.9	32.3	104.
33.7	90.9	10706.0	250.0	-48.8	-99.9	287.5	37.1	35.3	-11.2	333.2	334.6	99.9	99.9	37.6	104.
36.1	95.2	11388.5	225.0	-54.8	-99.9	289.2	34.5	32.7	-10.6	334.6	335.7	99.9	99.9	43.1	104.
38.6	100.0	12130.8	200.0	-61.3	-99.9	288.6	34.6	33.3	-10.0	335.7	336.9	99.9	99.9	47.9	105.
41.3	105.0	12952.1	175.0	-64.2	-99.9	285.1	49.1	47.4	-12.8	344.0	345.9	99.9	99.9	54.3	105.
44.7	110.5	13894.6	150.0	-63.4	-99.9	294.4	42.8	38.2	-17.3	360.9	360.9	99.9	99.9	64.6	104.
48.5	115.8	15008.4	125.0	-62.9	-99.9	289.8	31.2	29.4	-10.6	381.1	381.1	99.9	99.9	72.6	107.
53.0	123.7	16382.4	100.0	-61.8	-99.9	999.9	99.9	99.9	-99.9	408.3	408.3	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	WIND M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	17.9	1142.0	880.2	17.9	6.1	40.0	4.1	-2.6	-3.1	301.5	320.6	6.8	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	18.4	1192.9	875.0	16.1	7.2	52.9	10.3	-8.2	-6.2	302.6	322.9	7.3	99.9	0.4	210.
1.3	20.9	1440.6	850.0	16.7	7.5	51.4	11.0	-8.6	-6.8	303.7	325.0	7.7	99.9	0.8	222.
2.1	23.3	1653.9	825.0	13.9	5.8	49.0	9.7	-7.3	-6.4	303.3	322.9	7.0	99.9	1.4	226.
3.2	25.9	1952.8	800.0	12.7	5.1	62.0	3.6	-3.2	-1.7	304.7	324.2	6.9	99.9	1.9	226.
4.3	28.4	2220.4	775.0	14.1	3.5	220.1	5.0	3.2	-3.8	309.0	327.3	6.4	99.9	1.8	226.
5.3	31.0	2457.0	750.0	13.5	0.4	226.1	7.9	5.9	5.3	311.3	326.7	5.3	99.9	1.3	228.
6.2	33.6	2782.1	725.0	11.9	-1.3	235.6	9.7	8.8	4.0	312.4	326.7	4.8	99.9	0.9	222.
7.1	36.3	3074.7	700.0	9.5	-2.8	256.5	11.8	11.4	2.8	313.0	326.3	4.5	99.9	0.5	186.
8.0	39.0	3375.0	675.0	6.7	-3.7	266.5	13.7	13.7	0.8	313.2	326.1	4.3	99.9	0.7	119.
9.0	41.8	3684.0	650.0	4.1	-5.0	248.0	16.7	16.7	0.3	313.6	325.8	4.1	99.9	1.6	103.
10.0	44.6	4001.7	625.0	1.3	-7.2	271.7	18.6	18.6	-0.6	313.9	324.7	3.6	99.9	2.6	98.
11.1	47.4	4328.7	600.0	-1.8	-8.3	274.7	19.8	19.7	-1.6	314.0	324.4	3.4	99.9	3.9	96.
12.1	50.4	4665.7	575.0	-4.4	-10.6	275.1	21.0	20.9	-1.9	314.5	323.9	3.0	99.9	5.2	96.
13.3	53.4	5014.5	550.0	-7.2	-13.0	277.1	21.8	21.7	-2.7	315.4	323.5	2.5	99.9	6.7	96.
14.7	56.5	5376.0	525.0	-9.2	-16.0	283.0	22.8	22.2	-5.1	317.3	323.9	2.1	99.9	8.5	97.
16.1	59.6	5752.5	500.0	-10.6	-17.9	287.5	23.4	22.3	-7.0	320.1	326.1	1.9	99.9	10.5	99.
17.5	62.9	6145.4	475.0	-13.0	-21.9	296.9	21.7	20.8	-6.3	321.9	326.5	1.4	99.9	12.4	100.
19.0	66.3	6555.2	450.0	-16.1	-25.3	285.7	21.5	20.7	-5.8	323.0	326.6	1.1	99.9	14.2	101.
20.3	69.6	6983.1	425.0	-15.5	-27.9	286.4	22.9	22.0	-6.5	324.0	327.1	0.9	99.9	16.0	101.
21.6	73.0	7430.4	400.0	-23.2	-29.9	290.4	22.8	21.4	-8.0	324.9	327.6	0.8	99.9	17.8	102.
23.2	76.7	7908.4	375.0	-25.9	-34.7	299.2	22.0	20.8	-7.2	327.4	329.3	0.5	99.9	19.9	103.
24.8	80.5	8395.7	350.0	-30.4	-36.8	286.0	22.7	21.8	-6.2	327.8	329.4	0.5	99.9	22.1	103.
26.0	84.5	8917.9	325.0	-34.8	-39.8	280.8	23.9	23.5	-4.5	328.7	330.0	0.4	99.9	24.8	103.
28.8	88.7	9471.7	300.0	-35.2	-46.0	279.6	25.9	25.5	-4.3	330.1	330.9	0.2	99.9	27.7	103.
30.7	93.0	10061.7	275.0	-43.9	-49.9	277.7	29.0	28.8	-3.9	331.7	999.9	99.9	99.9	30.8	103.
32.8	97.6	10495.3	250.0	-45.1	-59.9	277.2	31.8	31.5	-4.0	333.0	999.9	99.9	99.9	34.8	102.
35.2	102.6	11377.3	225.0	-52.3	-69.9	282.9	36.8	35.9	-8.2	333.8	999.9	99.9	99.9	39.5	102.
37.2	107.6	12121.6	200.0	-59.6	-99.9	288.1	49.8	47.4	-15.5	338.4	999.9	99.9	99.9	44.6	102.
39.5	113.6	12944.9	175.0	-63.6	-99.9	289.2	99.8	53.7	-18.7	341.2	999.9	99.9	99.9	52.1	103.
42.4	120.0	13777.7	150.0	-66.2	-99.9	288.4	45.7	43.3	-14.4	356.1	999.9	99.9	99.9	61.2	104.
45.3	127.0	14982.4	125.0	-67.2	-99.9	291.7	31.9	25.6	-11.8	373.2	999.9	99.9	99.9	67.8	104.
49.5	135.0	16348.4	100.0	-61.7	-99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

26 APRIL 1979
511 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEV PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	16.7	1142.0	884.2	14.0	5.4	40.0	5.1	-3.3	-3.9	297.4	314.8	6.4	56.0	0.0	0.0
9.9	93.9	99.9	1000.0	65.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	97.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	17.5	1233.3	875.0	12.1	5.3	47.2	13.5	-9.9	-10.2	297.4	314.9	6.4	59.3	0.5	212.0
1.3	17.8	1673.6	850.0	11.6	5.1	45.9	14.8	-10.6	-10.3	298.3	316.1	6.5	64.3	1.1	220.0
3.2	23.1	1722.5	825.0	9.5	4.7	47.8	15.3	-11.4	-10.3	298.6	316.6	6.5	72.3	2.0	223.0
3.2	24.4	1977.3	800.0	7.4	4.9	49.3	11.8	-8.9	-7.7	299.0	317.7	6.6	84.3	2.8	226.0
4.2	23.7	2238.7	775.0	6.8	3.0	39.4	5.7	-3.6	-4.4	301.3	318.3	6.2	86.3	3.4	226.0
5.2	27.2	2505.2	750.0	7.9	3.5	240.4	5.5	-4.5	3.2	305.2	323.7	6.6	73.4	3.4	225.0
7.2	31.6	2795.3	725.0	5.6	1.5	240.4	13.5	11.7	6.7	309.6	327.0	5.9	57.3	2.8	223.0
3.2	33.5	3333.5	675.0	8.1	-1.2	253.2	14.2	13.6	4.1	311.2	326.2	5.0	51.6	2.0	12.0
4.3	39.1	3587.4	650.0	2.6	-5.4	271.0	16.2	15.1	-0.5	311.2	324.6	4.5	55.4	1.6	187.0
10.5	41.7	4023.8	625.0	6.3	-6.0	263.5	17.0	15.9	-0.3	311.9	323.6	3.9	55.3	1.9	153.0
11.7	43.3	4325.7	600.0	6.3	-6.0	263.5	17.0	15.9	1.9	312.8	323.9	3.7	58.7	2.6	128.0
12.9	47.0	4635.7	575.0	-2.7	-7.6	255.6	18.2	17.8	3.6	313.0	323.9	3.6	69.0	3.5	114.0
14.2	49.8	5013.2	550.0	-5.4	-8.4	255.1	20.3	19.6	5.2	313.7	324.4	3.5	70.5	4.7	103.0
15.5	52.6	5373.1	525.0	-8.2	-9.4	259.4	21.1	20.8	3.9	314.4	324.8	3.4	90.9	6.2	96.0
16.8	55.5	5747.5	500.0	-10.8	-12.1	270.3	22.5	22.5	-0.1	315.3	324.4	2.9	90.3	7.9	96.0
18.1	58.4	6137.7	475.0	-15.9	-15.3	281.3	23.9	23.5	-0.7	317.9	325.2	2.3	70.5	9.6	96.0
19.6	61.6	6545.1	450.0	-15.1	-18.6	285.6	24.3	23.4	-0.5	319.3	325.2	1.9	76.6	11.6	96.0
20.9	64.3	6975.5	425.0	-17.5	-22.6	289.9	24.9	23.4	-0.5	321.2	325.8	1.4	64.3	13.6	98.0
22.5	67.8	7317.0	400.0	-20.6	-25.5	293.7	25.7	24.6	-7.4	322.5	326.3	1.1	64.7	15.7	99.0
24.4	71.1	7635.4	375.0	-23.7	-31.7	298.7	25.9	25.5	-0.8	325.1	327.4	0.7	44.8	18.1	100.0
26.1	74.5	8031.1	350.0	-30.5	-39.8	277.9	27.0	26.8	-3.7	327.7	328.9	0.3	39.3	23.8	99.0
28.0	78.1	8459.4	325.0	-38.6	-49.0	281.1	31.0	30.4	-6.0	328.8	329.8	0.3	43.1	25.9	99.0
30.0	81.9	8935.0	300.0	-43.3	-59.9	281.6	43.3	38.1	-5.6	331.0	331.6	0.1	32.1	31.2	99.0
32.2	85.7	10559.6	275.0	-48.5	-69.9	280.6	48.5	42.4	-8.7	332.5	332.5	99.9	99.9	34.7	99.0
34.4	89.3	10584.6	250.0	-48.5	-69.9	280.6	48.5	47.7	-8.9	333.9	333.9	99.9	99.9	42.8	100.0
36.7	94.2	11358.8	225.0	-54.2	-99.9	279.9	54.1	53.9	-10.6	335.4	335.4	99.9	99.9	49.5	99.0
38.9	99.8	12114.5	200.0	-59.8	-99.9	291.3	71.3	69.9	-14.0	338.0	338.0	99.9	99.9	57.6	99.0
41.8	103.8	12239.2	175.0	-64.3	-99.9	293.6	68.4	66.6	-16.1	343.6	343.6	99.9	99.9	70.7	100.0
44.8	109.3	13031.1	150.0	-65.0	-99.9	293.6	53.1	53.0	-15.7	359.1	359.1	99.9	99.9	82.1	100.0
48.2	115.3	13235.5	125.0	-67.9	-99.9	293.8	37.5	35.3	-12.7	372.1	372.1	99.9	99.9	91.3	102.0
52.2	122.0	13340.3	100.0	-63.2	-99.9	292.9	99.9	99.9	-9.9	405.8	405.8	99.9	99.9	99.9	99.9
94.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
 FORTCH, TEXAS

 26 APRIL 1979
 012 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB T DEG E	E POT 1 DEG K	MX RTO CM/KG	RM PCV	RANGE KM	AZ DEG
0.0	16.5	1142.0	884.2	12.4	3.6	40.0	2.6	-1.7	-2.0	295.8	311.2	5.0	55.0	0.0	0.
01.9	99.9	55.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	59.9	975.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	92.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	69.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.9	1229.5	875.0	10.4	2.6	64.5	11.1	-10.0	-4.7	295.8	309.0	5.3	58.3	0.3	224.
07.9	17.3	1471.0	850.0	9.9	1.5	63.6	12.0	-11.3	-8.6	295.8	310.4	5.0	54.1	0.7	234.
08.9	19.6	1719.3	825.0	10.2	-1.3	63.6	13.5	-12.1	-6.0	295.8	311.3	4.2	44.8	1.5	239.
09.9	21.8	1975.4	800.0	10.4	-2.6	64.4	10.4	-9.4	-4.5	302.3	313.6	4.0	40.1	2.3	241.
10.9	26.5	2239.7	775.0	10.2	1.5	64.2	4.2	-0.6	-4.2	307.7	324.4	5.5	54.6	2.7	241.
11.9	28.9	2513.8	750.0	10.2	1.8	280.9	7.2	7.0	-1.4	307.7	324.4	5.8	53.7	2.5	237.
12.9	31.4	2756.5	725.0	6.7	-0.4	274.9	12.0	12.5	-1.1	300.0	323.9	5.1	52.9	2.0	228.
13.9	33.8	3089.0	700.0	8.2	-2.8	276.7	15.2	15.1	-1.8	311.6	324.8	4.8	49.8	1.6	201.
14.9	36.3	3384.1	675.0	5.5	-3.4	278.0	14.9	14.8	-2.1	311.9	325.0	4.4	52.6	1.7	168.
15.9	38.9	3691.3	650.0	2.6	-4.4	274.0	15.4	15.4	-1.1	311.9	324.6	4.3	59.8	2.2	142.
16.9	41.5	4007.3	625.0	-0.4	-5.1	270.8	15.3	15.3	-0.2	312.0	324.4	4.2	70.3	2.9	127.
17.9	44.1	4332.3	600.0	-2.3	-5.5	266.3	16.0	16.6	1.1	312.3	324.9	4.2	85.0	3.9	117.
18.9	46.9	4668.1	575.0	-5.6	-7.1	265.4	16.5	18.4	1.5	313.2	325.2	3.9	88.6	5.0	109.
19.9	49.7	5018.6	550.0	-7.8	-8.6	267.3	19.5	19.5	0.9	314.8	325.8	3.6	93.6	6.3	104.
20.9	52.4	5376.5	525.0	-10.2	-11.2	272.7	20.4	20.4	-0.9	316.2	325.7	3.1	91.9	7.6	101.
21.9	55.4	5751.2	500.0	-12.4	-14.4	275.6	20.8	20.7	-2.0	317.6	325.8	2.5	85.4	9.5	100.
22.9	58.4	6141.1	475.0	-15.8	-17.1	276.1	20.3	20.2	-2.2	318.4	325.1	2.1	89.6	11.2	100.
23.9	61.5	6547.0	450.0	-18.6	-20.5	274.5	21.1	21.0	-1.6	319.9	325.3	1.7	84.7	12.8	99.
24.9	64.6	6970.9	425.0	-21.4	-23.8	274.6	21.3	21.3	-1.7	321.2	325.2	1.1	67.8	14.5	98.
25.9	67.9	7413.6	400.0	-24.1	-30.7	277.5	23.0	22.8	-3.0	323.7	326.2	0.7	54.2	16.3	98.
26.9	71.3	7825.5	375.0	-27.3	-34.1	278.1	26.0	25.7	-3.7	325.4	327.4	0.6	52.4	18.6	98.
27.9	74.7	8378.4	350.0	-30.0	-40.5	278.8	25.2	24.9	-3.9	326.3	329.5	0.3	34.7	21.1	98.
28.9	79.4	8901.8	325.0	-34.2	-47.4	277.7	27.3	27.1	-3.6	329.6	330.2	0.2	26.6	24.1	98.
29.9	82.2	9456.1	300.0	-39.2	-54.9	275.3	28.9	29.7	-2.7	330.3	330.9	99.9	99.9	27.4	98.
30.9	86.2	10043.7	275.0	-44.4	-61.4	278.5	33.1	32.7	-4.9	330.9	330.9	99.9	99.9	31.2	98.
31.9	90.3	10678.1	250.0	-49.4	-68.9	274.9	36.5	36.4	-3.1	332.7	332.7	99.9	99.9	35.1	98.
32.9	94.8	11359.5	225.0	-54.7	-74.9	275.6	43.1	42.9	-4.2	334.6	334.6	99.9	99.9	40.5	97.
33.9	99.6	12105.1	200.0	-59.2	-80.9	279.0	56.1	53.4	-8.4	339.0	339.0	99.9	99.9	47.5	97.
34.9	104.6	12931.3	175.0	-64.4	-86.4	283.1	50.6	49.3	-11.5	343.7	343.7	99.9	99.9	54.1	98.
35.9	110.4	13881.9	150.0	-62.8	-84.9	287.2	33.8	32.3	-10.0	361.9	361.9	99.9	99.9	62.8	99.
36.9	116.5	14954.3	125.0	-67.6	-89.9	282.0	28.9	28.2	-6.3	372.8	372.8	99.9	99.9	69.6	99.
37.9	123.7	16348.0	100.0	-62.8	-84.9	99.9	99.9	99.9	99.9	405.8	99.9	99.9	99.9	99.9	99.9
38.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI
28 APRIL 1979
1125 GMT

132 98.0 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	MX RTO CM/AG	RM PCP	RANGE KM	AZ DEG
0.0	7.3	100.0	997.3	18.5	17.7	160.0	0.5	-0.2	0.5	291.5	325.0	12.9	95.0	0.0	0.
99.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	9.6	294.1	975.0	17.1	15.2	208.1	6.0	2.8	5.3	292.3	323.3	12.0	94.0	0.3	11.
1.7	11.8	516.1	950.0	15.8	14.3	205.4	9.1	3.9	8.2	293.2	322.7	11.3	94.0	0.7	20.
2.5	14.3	742.6	925.0	14.3	13.4	208.3	9.2	4.4	8.1	293.5	321.5	10.5	94.5	1.1	22.
3.3	16.7	974.3	900.0	13.1	12.2	213.3	9.3	4.7	8.0	295.0	321.2	10.0	94.3	1.5	25.
4.2	19.3	1211.0	875.0	11.9	10.6	205.4	8.6	3.8	7.7	295.7	320.2	9.2	94.1	2.0	25.
4.8	21.8	1453.3	850.0	10.4	9.5	210.3	9.1	4.5	7.8	297.1	320.8	8.9	94.1	2.3	25.
5.3	24.4	1702.5	825.0	9.6	8.7	215.5	9.5	5.3	7.7	299.8	322.1	8.6	94.1	2.6	26.
5.8	27.0	1958.1	800.0	8.4	7.6	214.3	9.9	5.0	7.4	300.2	322.5	8.2	94.1	2.9	27.
6.5	29.7	2220.6	775.0	6.9	5.5	223.5	5.2	5.1	4.3	301.3	321.5	7.4	91.2	3.3	28.
7.5	32.3	2488.7	750.0	3.7	-3.1	274.3	5.5	5.4	-3.4	303.5	312.2	4.1	61.3	3.5	32.
8.5	35.0	2764.1	725.0	3.6	-9.2	291.6	4.9	4.3	-1.8	303.4	311.2	2.5	23.6	3.6	37.
9.7	37.8	3049.5	700.0	2.6	-19.1	279.3	3.2	3.1	-0.5	305.5	310.3	1.2	17.1	3.7	41.
13.8	43.5	3343.6	675.0	2.1	-32.7	291.0	3.6	3.4	-1.3	303.0	309.2	0.4	5.5	3.8	43.
11.7	43.4	3546.9	650.0	0.3	-49.0	297.4	4.8	4.3	-2.2	309.2	307.5	0.1	1.0	3.9	47.
12.7	45.3	3959.8	625.0	-2.0	-51.2	300.2	5.8	5.1	-2.3	310.2	310.4	0.1	1.0	4.0	51.
13.7	49.3	4282.7	600.0	-4.1	-52.5	304.8	7.0	5.8	-4.0	311.4	311.5	0.0	1.0	4.1	53.
14.9	52.3	4617.0	575.0	-6.0	-53.7	299.4	8.2	7.2	-4.0	312.6	313.1	0.0	1.0	4.3	63.
16.1	55.4	4963.2	550.0	-8.5	-55.3	290.7	8.8	8.2	-3.1	314.0	314.2	0.0	1.0	4.3	69.
17.3	58.5	5322.3	525.0	-11.1	-57.3	281.2	8.3	8.2	-1.5	315.0	315.2	0.0	1.0	5.3	73.
18.5	61.8	5654.3	500.0	-14.4	-59.1	265.8	7.8	7.8	0.3	315.2	315.3	0.0	1.0	5.3	75.
19.7	65.0	6089.3	475.0	-18.0	-51.3	295.3	6.8	6.7	0.5	315.8	315.3	0.0	1.0	5.3	75.
21.1	68.4	6432.0	450.0	-20.9	-53.3	259.6	5.3	5.7	1.0	315.9	317.3	0.0	1.0	5.0	77.
22.4	71.9	6702.5	425.0	-22.0	-54.3	255.1	6.5	6.7	1.0	317.2	317.3	0.0	1.0	5.0	77.
24.0	75.6	7344.3	400.0	-25.7	-55.4	235.6	3.4	7.0	4.6	321.8	321.5	0.0	1.0	5.0	75.
25.5	79.3	7923.7	375.0	-29.3	-53.2	217.5	3.6	5.2	0.8	322.4	322.5	0.0	1.0	8.7	73.
27.0	83.0	8203.7	350.0	-33.5	-71.5	204.8	7.4	3.1	6.7	323.5	323.6	0.0	1.0	9.3	73.
28.6	87.0	8311.9	325.0	-37.8	-74.4	209.1	9.1	4.4	7.9	324.2	324.6	0.0	1.0	9.8	70.
30.5	91.3	8358.3	300.0	-42.5	-99.3	208.6	11.6	5.6	10.2	325.8	325.8	99.9	99.9	10.7	54.
32.3	95.7	8941.2	275.0	-46.1	99.9	205.2	18.2	7.7	16.4	328.8	328.8	99.9	99.9	12.0	59.
34.5	103.4	10567.8	250.0	-51.6	99.9	198.4	26.2	8.3	24.9	329.4	329.4	99.9	99.9	14.5	52.
36.7	105.2	11245.5	225.0	-55.6	99.9	193.3	33.5	8.8	32.3	333.3	333.3	99.9	99.9	17.7	46.
39.2	110.6	11958.6	200.0	-60.7	99.9	194.4	43.0	10.7	41.6	335.6	335.6	99.9	99.9	22.9	37.
41.6	115.3	12807.4	175.0	-65.6	99.9	208.3	35.8	16.9	31.8	340.1	340.1	99.9	99.9	28.9	33.
44.9	122.5	13741.4	150.0	-69.0	99.9	225.6	18.6	13.3	13.0	359.4	359.4	99.9	99.9	33.3	36.
48.3	129.3	14350.8	125.0	-60.8	99.9	99.9	99.9	99.9	99.9	365.0	365.0	99.9	99.9	36.5	34.
52.7	137.3	15255.2	100.0	-60.2	99.9	99.9	99.9	99.9	99.9	411.9	411.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI

25 APRIL 1970
1530 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX WFO CM/KG	RM PCT	RANGE KM	132	97. 0
3.0	6.9	100.0	999.2	21.0	10.0	190.0	1.0	0.2	1.0	294.3	320.4	13.2	83.0	0.0	0.0	0.
9.9	99.9	1000.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.8	9.1	303.5	575.0	15.0	17.3	206.0	5.2	2.3	4.7	294.3	327.7	12.0	99.7	0.2	21.	21.
1.6	11.5	526.5	950.0	16.9	15.7	206.9	5.8	2.6	5.1	294.3	325.3	11.9	92.0	0.5	23.	23.
2.6	13.9	754.0	925.0	15.7	14.6	211.3	5.6	2.6	4.8	293.3	325.8	11.2	92.0	0.5	25.	25.
3.5	16.3	920.0	900.0	14.5	12.4	216.2	5.1	3.0	4.1	290.8	323.4	10.2	87.3	1.1	20.	20.
4.5	19.8	1225.0	875.0	13.2	10.8	226.5	4.9	3.6	3.4	297.2	322.0	9.4	85.4	1.4	30.	30.
5.5	21.3	1469.7	850.0	11.6	9.6	242.2	4.5	4.0	2.1	298.2	322.2	8.9	87.4	1.7	30.	30.
6.5	23.8	1718.1	825.0	9.5	8.0	253.2	4.6	4.4	1.3	298.7	320.9	8.2	90.2	1.9	30.	30.
7.4	26.3	1973.1	800.0	7.4	6.2	264.2	4.5	4.5	0.5	299.0	319.4	7.5	92.2	2.1	30.	30.
8.5	28.9	2230.2	775.0	6.3	-4.1	302.2	3.8	3.3	-2.0	300.6	311.1	3.7	47.5	2.2	40.	40.
9.5	31.4	2509.1	750.0	7.3	-17.0	308.4	4.1	3.2	-2.5	304.8	308.8	1.4	16.2	2.3	34.	34.
12.4	34.1	2782.5	725.0	6.8	-27.3	291.5	5.1	4.0	-1.9	300.9	306.9	0.6	7.3	2.4	60.	60.
13.5	36.6	3069.6	700.0	8.7	-46.4	291.0	6.3	5.8	-2.2	300.6	309.1	0.1	1.0	2.7	60.	60.
12.6	39.6	3365.8	675.0	4.1	-47.4	292.6	6.0	5.5	-2.3	310.2	310.8	0.1	1.0	3.0	72.	72.
13.7	42.3	3671.2	650.0	2.0	-48.7	291.0	4.9	4.6	-1.8	311.2	311.8	0.1	1.0	3.2	70.	70.
14.8	45.2	3986.0	625.0	-0.3	-50.2	289.4	3.4	3.2	-1.1	312.1	312.3	0.1	1.0	3.5	70.	70.
15.9	49.1	4310.8	600.0	-2.6	-51.6	270.7	2.9	2.9	-0.0	313.1	313.3	0.3	1.0	3.7	80.	80.
17.1	51.1	4646.9	575.0	-4.7	-52.9	257.9	2.9	2.0	0.6	314.2	314.7	0.0	1.0	3.8	80.	80.
15.5	54.1	4994.7	550.0	-7.3	-54.6	244.2	3.8	3.8	0.4	315.4	315.6	0.0	1.0	4.1	80.	80.
17.9	57.3	5354.8	525.0	-10.3	-56.4	259.1	5.3	5.2	1.0	316.0	316.2	0.0	1.0	4.3	80.	80.
21.2	60.4	5722.8	500.0	-12.9	-57.4	246.5	5.3	4.8	2.1	317.3	317.4	0.0	1.1	4.9	80.	80.
22.7	63.8	6117.8	475.0	-14.9	-59.4	249.4	6.6	6.2	2.3	319.8	319.6	0.0	1.0	5.4	78.	78.
21.1	67.0	6520.2	450.0	-17.8	-60.3	260.4	8.2	8.1	1.4	320.6	320.9	0.0	1.1	6.1	78.	78.
23.5	70.4	6948.1	425.0	-20.7	-60.4	270.0	7.1	7.1	0.0	322.5	322.6	0.0	1.4	6.7	79.	79.
27.0	74.0	7354.4	400.0	-24.1	-60.9	263.9	7.4	7.3	0.0	323.6	323.7	0.0	1.8	7.3	80.	80.
27.6	77.9	7861.4	375.0	-28.4	-62.2	257.6	9.0	8.0	1.9	324.0	324.1	0.0	2.3	8.1	80.	80.
31.3	81.6	8322.3	350.0	-32.2	-63.6	242.2	7.6	6.8	3.6	325.2	325.4	0.0	2.7	9.0	79.	79.
32.2	85.6	8870.3	325.0	-36.8	-65.7	212.6	9.0	4.8	7.5	326.0	326.1	0.0	3.2	9.7	76.	76.
34.1	89.8	9419.4	300.0	-40.7	99.9	204.7	14.1	5.9	12.9	326.0	999.9	99.9	999.9	10.6	71.	71.
35.2	94.2	10067.0	275.0	-45.1	99.9	198.3	20.0	6.3	19.0	326.9	999.9	99.9	999.9	12.1	63.	63.
36.2	99.8	10638.7	250.0	-49.1	99.9	185.9	28.6	2.7	26.5	332.1	999.9	99.9	999.9	13.9	54.	54.
42.4	103.8	11222.2	225.0	-54.5	99.9	181.9	35.5	1.2	35.5	335.0	999.9	99.9	999.9	16.9	43.	43.
42.9	109.0	12060.4	200.0	-61.1	99.9	125.3	38.6	3.6	38.5	336.0	999.9	99.9	999.9	21.5	33.	33.
45.6	114.8	12881.6	175.0	-67.4	99.9	201.0	28.0	10.3	26.7	336.8	999.9	99.9	999.9	27.2	28.	28.
48.7	121.0	13821.0	150.0	-63.7	99.9	213.1	14.8	9.2	14.1	308.3	999.9	99.9	999.9	30.7	20.	20.
52.1	129.0	14948.2	125.0	-62.0	99.9	208.0	14.5	7.0	14.6	308.7	999.9	99.9	999.9	34.0	20.	20.
54.5	130.0	16344.7	100.0	-52.4	99.9	999.9	99.9	99.9	99.9	410.8	999.9	99.9	999.9	999.9	999.9	999.9
90.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
90.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPULAR BLUFF, MISSOURI
 28 APRIL 1979
 1740 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	SEA PT DEG C	DIR DEG	SPEED M/SEC	M COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	RIX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0.0	7.2	100.0	996.3	23.5	17.9	280.0	1.0	8.3	0.9	297.0	331.4	13.1	71.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.7	9.2	280.1	975.0	20.0	16.0	183.7	0.0	0.3	0.0	290.1	328.0	12.2	70.2	0.2	359.
1.4	11.6	512.6	550.0	10.7	10.2	180.0	0.0	0.4	0.0	290.2	328.0	12.4	69.6	0.4	1.
2.3	14.1	741.2	425.0	10.6	15.0	183.5	0.0	0.3	0.0	290.3	328.0	11.7	91.4	0.0	3.
3.2	16.5	970.3	900.0	14.2	12.0	182.9	0.3	0.2	0.3	290.2	322.8	9.9	80.9	0.0	3.
4.2	19.1	1211.7	875.0	12.6	6.5	185.4	0.4	0.4	0.4	290.6	318.4	0.0	70.4	1.1	3.
5.1	21.6	1455.3	850.0	11.6	7.7	205.0	5.7	2.4	5.2	290.3	319.4	7.0	70.6	1.4	5.
6.1	24.1	1700.6	825.0	10.3	4.3	215.4	3.3	1.9	2.7	290.8	317.1	0.4	64.4	1.7	10.
7.1	26.7	1961.2	800.0	10.8	-0.1	229.0	2.1	1.6	1.4	302.7	311.6	3.1	30.2	1.0	12.
8.1	29.2	2229.2	775.0	5.0	-12.8	280.6	2.4	2.0	-0.5	304.2	309.8	1.9	19.2	1.8	15.
9.2	31.9	2490.0	750.0	0.0	-16.2	287.4	4.0	4.7	-1.5	309.3	309.7	1.4	16.1	1.0	22.
10.1	34.6	2775.3	725.0	0.0	-4.2	290.8	6.0	5.4	-2.1	309.2	309.8	0.1	1.0	2.0	43.
11.2	37.3	3062.7	700.0	0.1	-46.2	289.1	7.4	6.9	-2.0	310.6	311.1	0.1	1.0	2.3	55.
12.3	40.1	3359.4	675.0	0.0	-44.9	289.9	7.4	6.9	-2.0	310.6	311.1	0.1	1.0	2.3	55.
13.5	42.9	3605.1	650.0	2.2	-47.6	285.2	8.7	6.5	-1.0	311.2	311.0	0.1	1.0	2.3	55.
14.7	45.9	3900.3	625.0	-0.0	-50.0	274.4	6.5	6.5	-0.5	312.8	312.7	0.1	1.0	3.0	69.
15.9	48.0	4305.7	600.0	-2.2	-51.3	271.5	0.4	6.4	-0.2	313.6	313.0	0.1	1.0	3.4	72.
17.2	51.9	4641.9	575.0	-4.9	-53.1	272.6	0.0	4.8	-0.2	314.2	314.4	0.0	1.0	3.0	74.
18.5	54.9	4980.2	550.0	-7.0	-45.3	262.0	5.2	5.2	0.7	314.6	315.2	0.1	1.0	3.4	76.
19.9	58.1	5340.6	525.0	-10.9	-44.4	256.6	6.2	6.0	1.4	319.3	318.7	0.1	3.5	4.7	76.
21.3	61.3	5721.5	500.0	-13.7	-49.0	259.9	7.0	6.9	1.2	316.3	316.7	0.1	3.3	5.2	76.
22.7	64.6	6109.7	475.0	-15.0	-50.9	272.5	7.5	7.5	-0.3	318.4	318.5	0.0	1.0	5.0	77.
24.2	68.0	6515.2	450.0	-17.7	-60.4	261.9	7.4	7.2	-1.5	321.1	321.2	0.0	1.5	7.0	81.
25.7	71.4	6940.5	425.0	-21.0	-60.4	260.3	6.9	6.9	-0.3	322.1	322.2	0.0	1.0	6.4	81.
27.3	75.0	7380.6	400.0	-25.0	-61.1	260.3	7.0	6.9	-0.3	322.1	322.2	0.0	1.0	7.7	82.
28.9	78.7	7850.6	375.0	-28.4	-62.1	249.4	7.9	7.4	2.0	324.1	324.1	0.0	2.7	9.3	79.
30.6	82.5	8341.3	350.0	-32.4	-63.7	233.1	8.2	6.5	4.9	325.0	325.1	0.0	3.2	10.1	76.
32.7	86.5	8850.9	325.0	-36.0	-65.7	221.4	10.5	6.9	7.9	325.9	326.0	0.0	99.9	11.3	72.
34.7	90.8	9486.3	300.0	-41.4	99.9	215.0	13.4	7.7	10.9	327.0	327.0	99.9	99.9	12.6	66.
36.7	95.2	9950.3	275.0	-45.5	99.9	190.6	18.3	5.2	17.6	329.3	329.3	99.9	99.9	10.2	57.
38.7	99.0	10620.6	250.0	-49.0	99.9	183.1	25.5	1.4	25.4	332.1	332.1	99.9	99.9	17.2	45.
41.1	104.0	11305.2	225.0	-55.1	99.9	182.0	34.5	1.2	34.5	334.1	334.1	99.9	99.9	21.5	34.
43.7	110.2	12045.0	200.0	-61.7	99.9	180.0	34.9	0.4	34.9	335.0	335.0	99.9	99.9	20.7	28.
46.4	116.0	12860.4	175.0	-61.3	99.9	194.6	26.8	0.0	25.9	337.3	337.3	99.9	99.9	34.0	27.
49.6	122.3	13790.1	150.0	-64.0	99.9	206.9	10.6	7.5	14.8	338.4	338.4	99.9	99.9	99.9	99.9
52.2	129.3	14919.0	125.0	-68.5	99.9	99.9	99.9	99.9	99.9	416.0	416.0	99.9	99.9	99.9	99.9
55.6	137.0	16313.3	100.0	-57.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI
25 APRIL 1979
2042 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTD CM/KG	RM MCT	RANGE KM	AZ DEG
0.0	7.3	108.0	694.1	24.4	17.9	190.0	1.0	0.2	1.0	298.1	332.6	13.1	67.0	0.0	0.
0.0	9.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.1	268.7	975.0	23.0	15.4	160.4	4.5	-1.5	6.2	298.3	328.6	11.4	62.4	0.3	7.
1.6	11.4	455.8	950.0	20.8	14.9	172.4	6.2	-0.8	6.2	298.4	328.6	11.3	68.7	0.6	359.
2.4	13.8	726.0	925.0	18.3	14.3	168.2	5.7	-1.2	5.6	298.2	327.9	11.2	70.7	1.0	356.
3.2	16.2	968.0	900.0	16.2	14.6	171.3	5.1	-0.0	5.0	298.2	327.9	11.8	90.2	1.2	354.
4.0	19.7	1200.2	875.0	14.2	10.5	181.9	4.7	0.2	4.7	298.2	327.9	11.8	90.2	1.4	353.
5.0	21.6	1444.8	850.0	11.6	8.0	192.4	4.4	0.9	4.3	298.6	321.3	8.0	72.4	1.7	337.
5.9	23.6	1695.5	825.0	11.5	-7.0	221.3	3.3	1.4	3.9	300.8	318.3	6.3	60.8	1.9	300.
7.0	25.2	2217.6	775.0	10.6	-4.5	266.5	9.2	5.2	6.3	305.3	315.8	2.9	34.1	2.1	2.
8.0	27.7	2773.7	725.0	9.7	-2.9	289.9	8.1	7.4	-1.7	307.6	319.5	4.0	44.4	2.4	31.
9.0	31.3	3059.2	700.0	8.8	-3.8	289.5	7.4	7.0	-2.4	309.2	317.2	2.6	31.5	2.6	42.
10.1	34.0	3362.3	675.0	7.6	-9.6	289.5	6.6	6.8	-3.7	310.8	316.7	1.0	25.3	2.8	53.
11.3	36.7	3559.2	650.0	6.4	-13.7	295.8	6.4	5.4	-3.9	311.8	317.4	1.3	20.4	3.2	69.
12.5	39.4	3762.3	625.0	5.5	-15.4	305.8	6.4	5.2	-3.7	312.9	317.4	0.8	14.2	3.5	75.
13.6	42.2	3978.0	600.0	4.4	-18.7	305.9	6.4	6.0	-3.5	313.1	316.3	0.4	9.6	3.9	81.
14.7	45.1	4303.8	600.0	-2.3	-25.0	308.5	6.9	6.7	-3.5	314.2	315.9	0.4	9.6	4.4	85.
15.6	48.0	4648.2	575.0	-4.4	-32.1	297.4	7.4	6.7	-3.5	314.6	316.1	0.3	10.2	5.0	89.
17.3	51.0	4987.6	550.0	-7.8	-34.1	294.9	8.8	7.4	-2.4	315.7	316.9	0.3	11.4	5.6	91.
18.5	54.0	5347.5	525.0	-10.6	-36.0	281.8	7.4	6.8	-2.9	316.4	317.9	0.6	11.4	6.3	93.
19.9	57.1	5720.8	500.0	-13.3	-37.1	293.1	7.4	7.7	-3.2	317.7	319.7	0.4	21.6	7.0	95.
21.4	60.4	6109.1	475.0	-16.4	-31.5	292.3	8.4	7.7	-1.3	319.2	320.9	0.1	6.3	7.6	94.
22.9	63.6	6512.8	450.0	-18.9	-35.4	279.3	7.8	7.7	2.3	321.7	322.5	0.1	8.3	8.2	92.
24.3	67.0	6937.5	425.0	-21.3	-48.9	231.5	7.2	6.8	4.1	322.1	322.5	0.1	7.5	8.6	88.
25.8	70.4	7381.0	400.0	-25.3	-53.2	229.5	7.1	5.8	5.3	323.2	323.6	0.1	7.9	9.4	85.
27.4	74.0	7846.3	375.0	-28.9	-55.7	229.5	8.4	6.4	6.1	329.4	329.8	0.0	8.4	10.2	82.
29.1	77.7	8336.3	350.0	-32.6	-58.7	229.5	9.3	7.1	10.9	327.2	329.8	0.0	99.9	11.2	79.
30.7	81.6	8853.6	325.0	-37.1	-59.9	228.5	14.3	9.3	10.4	331.3	331.3	99.9	99.9	12.8	71.
32.4	85.6	9401.8	300.0	-41.3	99.9	196.9	20.2	5.9	25.0	333.2	333.2	99.9	99.9	14.3	60.
34.4	89.6	9989.4	275.0	-44.0	99.9	185.9	25.9	2.7	33.1	335.2	335.2	99.9	99.9	16.6	50.
36.5	93.2	10622.9	250.0	-48.9	99.9	182.4	33.2	1.4	35.4	336.2	336.2	99.9	99.9	20.3	39.
38.7	97.0	11308.8	225.0	-54.3	99.9	180.5	35.4	0.3	25.0	339.3	339.3	99.9	99.9	24.8	32.
40.6	103.8	12049.5	200.0	-61.0	99.9	193.4	35.4	0.1	15.2	359.6	359.6	99.9	99.9	28.8	30.
43.1	109.3	12968.7	175.0	-66.9	99.9	285.3	18.9	7.2	11.3	365.6	365.6	99.9	99.9	32.1	31.
45.9	115.3	13615.9	150.0	-68.5	99.9	224.5	13.9	11.1	99.9	412.6	412.6	99.9	99.9	99.9	99.9
49.1	121.5	14940.6	125.0	-68.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.8	128.3	16335.7	100.0	-59.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57.3	136.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 25 APRIL 1979
 2330 GDT

131 101.0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DG K	E POT. T DG K	WZ RTO CM/KG	RM PCT	RANGE KM	AI DG
0.0	7.6	106.0	993.2	23.3	16.6	160.0	1.5	-0.5	1.4	297.6	333.1	13.8	75.0	0.0	0.
0.9	99.9	99.9	1000.0	69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	9.3	261.2	975.0	21.3	17.7	146.4	8.3	-4.0	0.9	296.4	331.3	13.2	79.8	0.3	320.
1.6	11.7	486.4	950.0	19.7	15.9	154.2	7.8	-3.4	7.1	297.2	329.0	12.1	78.8	0.7	329.
2.5	14.2	716.9	925.0	17.6	14.0	166.2	6.6	-1.6	6.5	297.4	327.4	11.4	82.2	1.0	332.
3.4	16.6	950.3	900.0	15.6	13.6	177.7	6.6	-0.3	6.6	297.2	327.0	11.0	86.7	1.4	336.
4.2	19.1	1189.3	875.0	13.7	11.9	174.1	7.9	-0.8	7.9	298.8	324.9	10.1	89.3	1.7	342.
5.2	21.6	1433.6	850.0	12.1	9.5	174.1	7.1	-0.7	7.0	298.8	322.7	9.8	93.9	2.2	346.
6.2	24.2	1623.7	825.0	11.4	4.5	210.6	5.9	3.0	5.1	300.6	310.5	6.5	93.2	2.5	349.
7.2	26.7	1942.2	800.0	12.9	2.5	265.7	5.3	5.3	0.4	305.0	321.2	5.7	92.9	2.5	353.
8.2	29.3	2206.4	775.0	11.2	-0.3	285.0	6.3	6.3	-1.8	305.8	319.8	4.9	95.0	2.5	1.
9.4	32.0	2481.1	750.0	8.9	-0.2	284.9	8.1	7.9	-2.1	305.2	320.6	5.0	92.8	2.3	12.
10.4	34.7	2761.5	725.0	7.4	-1.4	234.1	9.6	9.6	-2.4	307.6	321.5	4.8	93.5	2.3	25.
11.3	37.4	3049.8	700.0	5.8	-3.4	233.6	9.6	9.3	-2.2	305.8	319.8	3.7	94.6	2.7	35.
12.3	40.2	3346.6	675.0	3.8	-4.1	284.4	8.8	8.5	-2.2	309.9	322.3	4.2	96.4	2.9	40.
13.3	43.0	3652.2	650.0	1.3	-4.7	234.8	9.4	9.1	-2.4	310.2	322.8	4.2	94.1	3.3	54.
14.7	45.9	3967.0	625.0	-1.0	-0.6	297.9	9.7	9.3	-3.0	311.3	321.0	3.2	95.1	3.8	64.
15.8	48.9	4291.3	600.0	-3.9	-11.2	290.7	8.7	8.1	-3.1	311.6	319.8	2.7	96.6	4.3	71.
16.9	51.9	4625.8	575.0	-6.8	-10.8	297.8	7.6	6.2	-3.3	312.1	320.9	2.9	92.0	4.7	75.
18.1	54.9	4971.7	550.0	-9.3	-15.3	292.1	5.4	4.6	-2.9	313.1	319.4	2.8	99.0	4.9	79.
19.3	58.0	5329.7	525.0	-12.1	-19.4	282.6	6.6	6.4	-1.4	313.9	318.3	1.6	94.4	5.3	81.
20.8	61.3	5701.8	500.0	-14.0	-26.9	277.8	9.3	9.2	-1.3	315.6	315.8	0.8	92.7	5.9	83.
22.1	64.6	6089.5	475.0	-16.9	-33.0	276.5	9.2	9.1	-1.0	317.0	313.8	0.8	93.2	6.7	85.
23.8	69.0	6493.3	450.0	-19.1	-39.4	277.2	9.4	9.4	-1.2	319.2	320.2	0.3	94.7	7.5	94.
25.4	71.6	6916.1	425.0	-22.2	-44.5	283.4	8.5	8.3	-2.0	323.2	323.1	0.2	91.1	8.4	98.
26.8	75.0	7358.4	400.0	-25.8	-47.4	234.4	9.2	8.9	-2.3	321.4	321.9	0.1	91.1	9.1	99.
28.4	78.7	7822.5	375.0	-29.5	-50.0	283.1	8.1	7.2	-1.8	322.2	323.6	0.1	91.8	9.3	99.
30.0	82.7	8310.7	350.0	-33.7	-53.2	279.5	8.9	8.4	-1.4	323.2	323.6	0.1	91.8	10.6	91.
31.8	85.7	8826.5	325.0	-37.6	-55.1	268.3	11.4	11.4	0.3	324.9	325.1	0.1	92.3	11.4	92.
33.6	90.8	9373.6	300.0	-41.5	-59.9	236.3	10.2	8.5	5.7	326.5	329.9	0.1	999.9	12.7	90.
35.6	95.3	9952.3	275.0	-45.7	-59.9	205.1	14.7	6.2	3.3	329.1	329.9	0.1	999.9	13.5	86.
37.9	100.0	10567.0	250.0	-50.0	-59.9	192.4	25.0	5.4	24.4	331.8	329.9	0.1	999.9	14.7	76.
40.1	105.0	11257.8	225.0	-55.3	-59.9	182.8	30.1	1.4	30.1	333.7	329.9	0.1	999.9	16.5	64.
42.3	110.3	12009.5	200.0	-60.5	-59.9	205.8	19.9	0.9	29.1	337.0	329.9	0.1	999.9	18.5	52.
45.1	116.2	12331.9	175.0	-64.0	-59.9	210.3	13.9	0.6	17.9	344.4	329.9	0.1	999.9	21.8	45.
47.1	122.5	12775.1	150.0	-64.2	-59.9	210.3	13.9	7.0	12.0	345.1	329.9	0.1	999.9	24.7	44.
51.8	127.5	13336.2	125.0	-61.3	-59.9	211.1	13.2	10.3	0.3	344.6	329.9	0.1	999.9	27.5	43.
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
 * BY TEMP MEANS TEMPERATURE CR TYPE HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 26 APRIL 1979
 248 GHT

TIME MLV	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DEG K	E POT. T DEG K	WIND CM/SEC	WIND M/SEC	RANGE KM	AZ DEG
00.0	7.5	100.0	993.0	20.0	10.1	170.0	1.0	-0.2	1.0	293.7	320.1	13.3	09.0	0.0	0.
05.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9
06.0	9.3	263.2	975.0	12.7	17.2	179.5	10.5	-0.1	10.5	293.9	327.1	12.0	91.2	0.2	340.
11.0	11.6	466.8	950.0	10.1	17.0	185.2	11.0	1.1	11.7	295.6	329.5	13.0	93.1	0.0	357.
12.0	14.1	715.5	925.0	16.6	15.5	195.0	11.6	3.2	11.2	296.2	320.1	12.1	93.5	1.1	3.
2.7	16.5	949.1	900.0	15.3	14.4	204.4	11.7	5.2	10.5	297.3	327.0	11.5	93.0	1.0	9.
3.3	19.0	1100.0	875.0	13.3	12.2	213.7	10.9	6.0	9.1	297.6	325.0	10.3	93.3	2.0	13.
3.1	21.6	1431.4	850.0	10.6	7.8	212.0	10.2	5.5	8.4	297.3	310.5	7.9	93.0	2.5	10.
4.0	24.1	1679.7	825.0	9.3	-1.4	199.5	6.2	2.7	7.7	298.8	310.3	4.2	97.1	5.0	10.
5.0	26.7	1932.1	800.0	11.2	-9.5	195.5	6.3	1.7	6.1	303.1	310.4	2.5	23.6	3.3	10.
6.7	29.3	2200.3	775.0	10.7	-3.6	211.4	4.9	2.4	4.2	305.3	316.3	3.0	26.0	3.0	10.
7.0	31.9	2478.0	750.0	9.7	-0.5	245.1	5.6	5.1	2.3	307.1	319.1	2.7	20.0	3.0	20.
9.5	34.6	2753.3	725.0	8.2	-4.5	265.7	6.4	6.4	0.5	308.5	319.7	3.0	40.1	4.0	20.
9.5	37.3	3041.9	700.0	5.6	-3.7	260.7	8.1	8.1	0.2	308.6	321.1	4.2	50.3	4.2	37.
10.4	43.0	3338.3	675.0	3.1	-3.3	261.9	8.0	7.9	1.9	309.0	320.7	3.0	61.7	4.9	39.
11.5	42.9	3602.9	650.0	0.8	-6.0	250.0	7.2	7.0	1.0	316.2	319.7	2.9	53.1	5.2	41.
12.6	45.7	3956.9	625.0	-1.4	-9.7	257.6	7.2	7.1	0.6	312.1	317.8	1.7	34.8	6.5	45.
13.7	48.6	4281.1	600.0	-3.5	-16.9	265.4	7.7	7.7	0.7	313.4	319.9	2.0	45.3	6.1	49.
15.0	51.6	4616.5	575.0	-5.5	-15.4	265.4	9.0	9.0	-0.7	315.2	318.1	0.9	22.7	6.6	52.
16.1	50.0	4923.8	550.0	-7.5	-26.3	273.7	9.5	9.5	-0.6	316.0	321.2	1.0	40.0	7.1	50.
17.3	57.0	5324.1	525.0	-10.3	-19.1	282.3	9.0	9.6	-2.3	317.7	320.2	0.7	33.4	8.1	60.
19.5	60.9	5657.7	500.0	-13.6	-23.0	293.0	10.8	9.9	-4.3	317.7	321.7	0.5	27.4	8.5	69.
19.9	64.3	6005.6	475.0	-16.4	-29.2	296.6	9.6	0.6	-0.1	320.2	322.8	0.6	9.9	9.0	70.
21.0	67.6	6499.9	450.0	-18.6	-34.4	285.0	7.3	7.1	-1.9	319.9	321.7	0.5	27.4	9.0	70.
22.4	71.0	6914.2	425.0	-22.0	-32.6	271.1	6.6	6.6	-0.1	320.2	323.7	0.1	9.9	9.5	71.
23.7	74.6	7358.4	400.0	-26.5	-47.3	263.4	7.1	7.0	1.3	324.3	324.3	0.0	1.0	10.2	72.
25.2	78.3	7824.7	375.0	-28.2	-48.0	261.3	8.6	8.5	1.0	326.3	326.3	0.0	1.0	11.1	73.
26.9	82.2	8316.3	350.0	-31.5	-70.2	261.2	10.5	10.4	1.6	327.3	327.3	0.0	1.0	12.3	76.
28.7	96.2	8839.9	325.0	-35.9	-73.0	267.3	12.1	12.1	2.7	328.2	328.2	0.0	99.9	13.7	73.
30.5	93.3	9366.7	300.0	-40.4	99.9	256.4	11.5	11.1	9.3	330.0	330.0	99.9	999.9	16.0	70.
32.3	94.8	9974.6	275.0	-45.1	99.9	214.4	11.3	6.4	16.0	332.2	332.2	99.9	999.9	19.0	69.
34.2	90.4	10605.0	250.0	-49.5	99.9	195.1	17.4	4.5	22.2	333.5	333.5	99.9	999.9	17.1	62.
36.2	104.3	11287.0	225.0	-55.2	99.9	190.8	22.5	3.4	24.9	334.8	334.8	99.9	999.9	18.9	50.
38.3	109.6	12327.0	200.0	-61.9	99.9	186.7	25.1	2.9	16.1	339.4	339.4	99.9	999.9	20.0	50.
40.0	113.5	12863.9	175.0	-68.0	99.9	207.9	18.2	8.5	5.6	354.4	354.4	99.9	999.9	22.1	40.
41.5	121.0	13774.6	150.0	-67.2	99.9	227.0	13.2	9.2	99.9	303.0	303.0	99.9	999.9	23.7	50.
43.6	129.0	14600.1	125.0	-60.0	99.9	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
44.0	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
46.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
48.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
49.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPULAR BLUFF, MISSOURI
26 APRIL 1979
045 GWT

TIME MIN	CNTCT	WEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	HR RTD GWT/RS	RM PCT	RANGE KM	AZ DEG
0.0	7.2	100.0	592.0	12.5	15.2	360.0	0.0	0.0	0.0	292.2	320.0	11.0	61.0	0.0	0.0
00.0	90.0	90.0	1000.0	50.0	40.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.0	9.0	250.0	575.0	10.0	17.5	190.0	0.0	0.0	0.0	293.7	327.3	13.0	90.0	0.0	0.0
1.0	11.0	400.0	950.0	10.0	17.5	201.0	11.5	4.2	10.7	295.0	329.0	13.1	92.3	0.7	10.0
2.0	13.0	700.0	925.0	17.0	15.5	209.0	12.2	6.0	10.6	297.2	329.0	12.1	80.2	1.4	10.0
3.0	16.0	900.0	900.0	14.5	12.8	215.0	11.5	6.8	9.3	298.2	326.0	10.4	78.7	1.9	22.0
4.0	18.0	1100.0	875.0	14.0	13.0	226.0	12.7	9.3	8.0	299.3	329.1	11.2	65.0	2.0	27.0
5.0	21.0	1425.0	850.0	13.2	12.0	235.0	12.0	11.4	7.5	299.6	328.7	10.7	95.0	3.2	32.0
6.0	23.0	1675.0	825.0	11.2	10.0	247.0	11.0	11.0	4.0	300.4	326.0	9.6	90.4	3.8	38.0
7.0	25.0	1930.0	800.0	9.7	8.5	246.0	11.0	10.7	4.0	301.5	325.5	8.0	92.1	4.5	42.0
8.0	28.0	2200.0	775.0	9.0	8.0	249.0	9.7	9.1	3.3	304.2	322.7	6.0	93.1	5.1	45.0
9.0	31.0	2470.0	750.0	7.0	4.0	247.0	9.0	9.4	3.0	306.0	323.0	5.0	79.0	5.5	48.0
10.0	34.0	2730.0	725.0	5.0	-3.0	239.0	9.0	9.5	5.0	305.4	317.0	4.1	52.0	5.3	50.0
11.0	37.0	3030.0	700.0	3.5	-3.0	225.0	7.7	5.5	5.0	306.3	313.5	4.2	59.0	6.9	50.0
12.0	40.0	3330.0	675.0	1.0	-3.0	223.0	7.2	4.9	5.0	307.6	320.3	4.3	67.2	7.4	49.0
13.0	42.0	3630.0	650.0	1.0	-0.0	241.0	7.8	6.8	3.0	310.1	318.0	2.9	46.0	8.0	50.0
14.0	45.0	3950.0	625.0	-1.1	-10.1	240.0	9.1	8.5	3.0	311.1	316.0	1.7	37.0	8.4	51.0
15.0	48.0	4270.0	600.0	-4.0	-15.0	245.0	10.0	9.0	4.0	311.2	316.0	1.7	35.0	9.3	52.0
16.0	51.0	4600.0	575.0	-7.0	-20.0	240.0	11.0	10.4	5.1	311.2	319.1	1.4	40.0	10.0	53.0
17.0	54.0	4950.0	550.0	-8.0	-20.1	240.0	10.7	9.7	4.5	313.0	318.1	1.0	40.0	10.9	54.0
18.0	57.0	5310.0	525.0	-10.0	-20.4	240.0	8.9	8.1	3.0	316.0	319.3	0.9	30.4	11.4	55.0
19.0	60.0	5680.0	500.0	-12.0	-26.0	241.0	8.0	7.0	3.0	316.3	319.2	0.9	33.2	12.2	55.0
20.0	63.0	6070.0	475.0	-10.1	-31.0	238.0	8.0	7.4	4.0	316.3	319.2	0.6	26.2	12.9	55.0
21.0	67.0	6470.0	450.0	-18.0	-30.2	239.0	3.0	7.2	4.2	320.1	320.6	0.1	5.1	13.7	55.0
22.0	70.0	6900.0	425.0	-21.5	-35.7	244.0	3.0	7.9	3.3	321.4	321.9	0.1	5.1	13.7	55.0
23.0	74.0	7370.0	400.0	-24.0	-30.0	243.0	3.3	5.9	2.3	322.7	323.7	0.3	21.9	15.1	56.0
24.0	78.0	7810.0	375.0	-29.0	-31.0	253.0	3.0	5.0	1.9	324.5	325.5	0.3	25.2	15.6	57.0
25.0	82.0	8250.0	350.0	-31.1	-40.0	279.0	9.4	5.3	-1.5	326.6	327.3	0.1	33.3	17.1	61.0
26.0	85.0	8700.0	325.0	-35.0	-45.0	288.0	13.2	12.5	-4.1	327.9	328.7	0.2	33.3	17.1	61.0
27.0	89.0	9150.0	300.0	-40.2	-50.0	287.0	15.0	15.0	-5.0	328.7	329.9	0.3	33.3	18.2	63.0
28.0	93.0	9600.0	275.0	-45.0	-50.0	291.0	15.3	15.2	-6.0	329.8	329.9	0.3	33.3	18.2	63.0
29.0	97.0	10050.0	250.0	-48.0	-50.0	292.0	11.1	11.1	-7.4	330.2	329.9	0.3	33.3	18.2	63.0
30.0	101.0	10500.0	225.0	-50.0	-50.0	295.0	9.0	6.1	7.4	332.0	329.9	0.3	33.3	18.2	63.0
31.0	105.0	10950.0	200.0	-53.1	-50.0	195.0	16.3	4.2	15.7	332.8	329.9	0.3	33.3	18.2	63.0
32.0	109.0	11400.0	175.0	-52.0	-50.0	201.0	12.9	4.6	11.7	336.3	329.9	0.3	33.3	18.2	63.0
33.0	113.0	11850.0	150.0	-52.0	-50.0	223.0	11.7	8.0	8.5	362.1	329.9	0.3	33.3	18.2	63.0
34.0	117.0	12300.0	125.0	-55.0	-50.0	229.0	7.9	9.0	29.0	350.8	329.9	0.3	33.3	18.2	63.0
35.0	121.0	12750.0	100.0	-52.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
36.0	125.0	13200.0	75.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
37.0	129.0	13650.0	50.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
38.0	133.0	14100.0	25.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
39.0	137.0	14550.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
40.0	141.0	15000.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
41.0	145.0	15450.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
42.0	149.0	15900.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
43.0	153.0	16350.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
44.0	157.0	16800.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
45.0	161.0	17250.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
46.0	165.0	17700.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
47.0	169.0	18150.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
48.0	173.0	18600.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
49.0	177.0	19050.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0
50.0	181.0	19500.0	0.0	-55.0	-50.0	229.0	9.0	9.0	9.0	412.2	329.9	0.3	33.3	18.2	63.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 FOPLAR BLUFF, MISSOURI

 26 APRIL 1979
 050 GMT

TIME MIN	CATCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.3	100.0	991.4	18.0	17.5	360.0	0.0	0.0	0.0	291.9	324.0	12.8	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	5.0	245.3	975.0	18.2	16.8	243.4	2.1	1.8	0.0	290.9	325.0	12.8	91.5	0.1	346.
1.4	11.1	468.2	950.0	16.9	15.4	218.5	5.6	3.5	4.4	290.3	326.0	11.7	91.2	0.2	21.
2.4	13.5	656.0	925.0	16.1	14.6	226.5	8.0	5.8	5.5	290.2	325.4	11.4	91.0	0.6	35.
3.1	15.9	929.3	900.0	15.2	13.7	237.2	8.9	7.0	5.3	290.1	326.3	11.0	90.8	1.0	40.
3.9	18.3	1168.3	875.0	13.8	12.4	251.2	9.8	7.9	4.3	290.2	326.9	10.4	90.8	1.0	45.
4.8	23.0	1412.6	850.0	12.1	10.4	264.5	10.2	9.2	4.4	290.5	324.8	9.5	90.7	1.9	51.
5.6	23.2	1662.8	825.0	10.5	9.0	282.4	10.7	9.5	5.0	290.7	323.6	8.8	90.5	2.4	53.
6.6	25.0	1919.3	800.0	9.2	7.7	299.8	11.0	9.5	5.6	301.0	323.0	8.3	90.3	3.0	58.
7.5	25.3	2182.4	775.0	7.9	6.4	297.5	10.4	9.7	4.9	302.3	323.9	7.8	90.1	3.6	56.
8.4	32.9	2453.0	750.0	6.9	5.4	289.8	9.7	9.6	1.7	305.1	325.1	7.5	90.1	4.1	50.
9.3	33.5	2721.3	725.0	4.3	2.7	260.2	10.7	10.6	1.8	305.2	322.4	6.9	89.5	4.6	61.
10.2	36.1	3016.0	700.0	2.3	-0.5	254.4	12.0	11.6	3.2	305.0	320.1	5.3	82.2	5.2	63.
11.3	39.9	3308.7	675.0	1.1	-0.7	246.6	12.4	11.4	4.9	308.4	322.4	5.4	88.3	6.0	64.
12.3	41.7	3612.6	650.0	-1.1	-3.1	264.8	11.1	10.0	4.7	307.7	321.3	4.7	86.2	6.7	64.
13.1	44.4	3924.8	625.0	-3.1	-4.7	257.1	10.3	10.1	2.3	308.9	321.6	4.3	89.2	7.3	64.
14.0	47.3	4248.5	600.0	-2.1	-3.9	272.3	10.8	10.8	-0.4	313.7	327.9	4.8	87.7	7.7	66.
15.1	50.3	4583.9	575.0	-6.8	-8.0	278.2	13.1	13.0	-1.9	312.1	323.0	3.6	90.0	8.4	99.
19.0	53.3	4938.1	550.0	-8.6	-9.9	274.0	15.1	15.1	-1.1	315.9	323.8	3.3	90.1	11.3	77.
20.3	56.4	5290.4	525.0	-10.2	-11.8	259.4	15.0	14.8	2.5	310.2	325.3	2.9	87.7	12.6	78.
21.6	59.5	5664.5	500.0	-13.0	-15.7	256.8	14.8	14.4	3.4	317.2	326.3	2.2	80.2	13.7	78.
22.7	62.8	6053.9	475.0	-15.7	-17.6	257.3	14.0	14.4	3.3	318.6	325.0	2.0	84.7	14.7	78.
23.8	66.1	6460.6	450.0	-17.8	-19.9	255.9	17.4	16.9	4.2	320.6	326.6	1.7	83.3	15.7	78.
24.7	69.5	6866.6	425.0	-20.4	-22.8	252.0	16.0	16.0	5.2	322.2	327.5	1.4	81.0	16.7	78.
25.9	73.0	7238.2	400.0	-24.2	-27.5	251.2	16.9	16.0	5.4	323.5	326.9	1.0	74.0	17.8	77.
27.0	76.7	7758.7	375.0	-28.4	-32.7	249.8	20.0	18.0	6.9	324.0	326.2	0.6	66.3	19.9	77.
29.8	80.5	8289.5	350.0	-32.4	-37.1	243.0	18.9	16.8	8.6	325.1	326.7	0.4	62.7	22.3	75.
32.3	84.5	8807.0	325.0	-37.3	-43.8	236.7	18.2	15.2	10.0	325.3	326.1	0.2	58.2	24.9	74.
33.7	89.7	9354.4	300.0	-42.0	-49.9	232.6	16.1	12.8	9.8	325.1	326.9	99.9	99.9	26.3	73.
35.2	93.0	9936.4	275.0	-47.5	-59.9	216.2	15.4	7.3	10.0	326.8	326.9	99.9	99.9	27.5	72.
37.0	97.6	10559.9	250.0	-51.7	-69.9	171.2	10.8	-1.7	10.7	329.3	329.9	99.9	99.9	28.8	70.
39.3	102.4	11235.6	225.0	-57.1	-79.9	178.6	10.5	-0.4	10.5	331.1	329.9	99.9	99.9	29.3	68.
41.5	107.6	11971.0	200.0	-62.9	-89.9	208.7	21.2	10.2	10.6	333.8	329.9	99.9	99.9	30.0	62.
43.6	113.4	12786.2	175.0	-66.5	-99.9	223.0	17.4	11.9	12.7	340.2	329.9	99.9	99.9	32.3	60.
46.0	119.5	13732.7	150.0	-61.5	-94.9	243.0	14.1	12.6	6.4	364.2	329.9	99.9	99.9	34.8	60.
48.8	126.5	14665.9	125.0	-59.8	-99.9	299.9	99.9	99.9	99.9	368.8	329.9	99.9	99.9	36.6	61.
52.2	134.3	16253.6	100.0	-59.8	-99.9	99.9	99.9	99.9	99.9	415.3	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TYPE HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPLAR BLUFF, MISSOURI
 26 APRIL 1979
 1115 GMT

TIME M14	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT T DEG K	MR RTG CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.5	108.0	993.2	12.5	11.9	360.0	3.6	0.0	-3.6	286.2	308.8	8.9	96.0	0.0	0.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.2	253.6	975.0	12.1	10.6	335.7	4.5	4.5	-10.0	287.3	308.4	8.3	91.1	0.3	150.0
1.6	11.5	472.9	950.0	10.8	9.5	329.2	11.0	6.0	-10.1	287.3	307.7	7.9	96.5	1.0	154.0
2.6	14.0	694.4	925.0	8.9	8.3	331.0	11.6	5.6	-10.7	288.4	307.8	7.5	96.5	1.7	151.0
3.5	16.4	921.7	900.0	9.0	8.5	341.0	9.1	2.8	-8.6	290.8	311.3	7.8	96.5	2.3	153.0
4.5	18.9	1156.2	875.0	10.4	9.9	316.1	5.5	3.8	-4.0	294.6	318.0	8.8	96.5	2.7	155.0
5.4	21.4	1398.6	850.0	11.1	10.5	277.2	6.8	6.8	-0.9	297.7	323.1	9.5	96.6	2.9	150.0
6.4	24.0	1648.3	825.0	10.5	10.0	271.1	7.2	7.2	-0.9	297.7	323.1	9.4	96.5	3.1	143.0
7.4	26.5	1904.9	800.0	9.3	8.8	264.5	8.4	8.3	0.8	301.1	325.4	8.9	96.3	3.4	137.0
8.4	29.0	2168.2	775.0	7.8	7.2	270.4	9.7	9.7	-0.1	302.2	324.9	8.3	96.1	3.8	130.0
9.5	31.7	2438.8	750.0	6.3	5.8	285.4	10.4	10.4	-2.9	303.4	324.9	7.8	96.4	4.4	125.0
10.5	34.3	2716.7	725.0	4.5	3.8	280.1	11.2	11.0	-2.0	304.5	323.9	7.0	94.9	5.0	123.0
11.7	37.1	3002.4	700.0	2.9	2.0	270.0	11.5	11.5	0.4	305.7	323.7	6.4	93.8	5.7	119.0
12.9	39.9	3256.8	675.0	1.4	-2.3	268.2	12.5	12.5	0.4	307.2	321.1	4.8	76.0	6.5	115.0
14.0	42.7	3600.4	650.0	0.1	-5.0	269.6	13.7	13.7	0.1	309.1	316.1	3.0	50.1	7.3	112.0
15.3	45.5	3913.6	625.0	-2.3	-15.6	269.3	14.5	14.5	0.2	309.9	315.5	1.8	34.9	8.3	106.0
16.6	48.4	4230.3	600.0	-4.6	-17.2	264.8	15.4	15.4	1.5	310.2	316.0	1.7	36.9	9.4	100.0
18.0	51.4	4576.8	575.0	-7.8	-24.6	261.7	17.4	17.4	2.5	313.2	316.1	0.9	20.8	10.6	104.0
19.3	54.5	4917.5	550.0	-7.9	-27.6	259.6	18.1	18.1	3.3	314.7	317.1	0.7	18.6	12.1	101.0
20.7	57.6	5272.6	525.0	-10.6	-27.3	257.1	19.0	18.5	4.2	315.7	318.2	0.6	23.9	13.5	98.0
22.2	60.8	5650.6	500.0	-13.7	-28.6	254.6	18.7	18.1	5.0	316.4	318.8	0.7	27.0	15.0	96.0
23.6	64.0	6038.0	475.0	-16.7	-28.9	257.6	20.7	20.2	4.4	317.3	319.8	0.7	33.6	16.6	94.0
25.1	67.4	6441.8	450.0	-19.7	-33.3	256.4	21.7	21.1	5.1	318.5	320.2	2.5	29.8	18.4	92.0
26.7	70.9	6869.2	425.0	-22.4	-27.3	252.1	21.2	20.2	6.5	320.3	323.5	0.9	63.9	20.4	90.0
28.4	74.4	7307.1	400.0	-25.4	-33.1	248.3	19.4	18.4	7.2	321.9	323.9	0.6	48.3	22.4	87.0
30.3	78.2	7772.5	375.0	-28.2	-41.0	242.9	20.6	18.4	9.4	324.2	324.4	0.0	2.8	24.3	84.0
32.2	82.0	8253.2	350.0	-32.4	-70.8	237.2	21.0	17.7	11.4	325.0	325.1	0.0	1.0	21.7	81.0
34.2	86.0	8781.2	325.0	-36.2	-73.3	221.3	21.7	14.3	16.3	325.2	326.9	0.0	1.0	21.7	81.0
36.4	90.2	9311.8	300.0	-40.2	-99.9	203.1	21.4	0.4	19.7	321.7	329.9	0.0	999.9	21.7	77.0
38.4	94.7	9918.2	275.0	-46.0	99.9	192.8	20.7	4.5	20.2	320.7	329.9	99.9	999.9	31.9	74.0
40.3	99.3	10545.0	250.0	-51.3	99.9	186.5	22.2	2.5	22.1	329.4	329.9	99.9	999.9	31.1	70.0
42.4	104.2	11221.5	225.0	-56.4	99.9	199.7	23.1	7.8	21.9	322.1	329.9	99.9	999.9	34.5	66.0
44.7	109.6	11958.4	200.0	-62.2	99.9	226.4	21.6	15.7	14.9	321.4	329.9	99.9	999.9	37.4	63.0
47.6	115.5	12777.7	175.0	-64.2	99.9	237.5	19.1	16.2	10.3	344.0	329.9	99.9	999.9	40.6	62.0
50.8	121.8	13746.6	150.0	-52.4	99.9	253.2	15.5	14.9	4.5	358.6	329.9	99.9	999.9	43.8	63.0
54.5	128.8	14850.9	125.0	-58.7	99.9	254.6	10.1	9.7	2.7	330.6	329.9	99.9	999.9	46.7	63.0
58.0	136.7	16292.0	100.0	-62.2	99.9	999.9	99.9	99.9	99.9	415.3	329.9	99.9	999.9	999.9	999.9
61.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
65.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
69.9	99.9	99.9	25.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 19
OXFORD, MISSISSIPPI

TIME MIN	CMTCT	HEIGHT GPH	PRES HG	TEMP BG C	DEW PT DT C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MH RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	125.0	590.4	17.6	10.1	99.9	3.1	99.9	99.9	291.1	323.0	12.5	97.0	117 103.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.7	311.2	575.0	16.2	99.9	99.9	99.9	99.9	99.9	292.2	323.2	12.0	95.4	99.9	99.9
1.5	10.8	532.9	550.0	15.4	14.5	166.8	9.3	1.1	9.2	292.9	321.5	11.0	95.0	99.9	99.9
2.4	13.0	759.1	925.0	13.7	12.9	193.8	8.7	2.1	8.5	293.4	320.6	10.2	94.8	0.7 351.	351.
3.3	15.2	998.1	900.0	12.6	12.0	206.1	8.8	3.8	7.2	294.7	320.6	9.9	95.0	1.1 3.	3.
4.1	17.5	1227.4	875.0	12.3	11.6	225.6	6.8	4.9	4.7	296.0	322.0	9.9	95.2	1.6 7.	7.
4.9	19.7	1478.6	850.0	11.8	10.3	233.4	4.2	3.4	2.5	297.7	322.7	9.3	95.2	1.9 12.	12.
5.9	22.0	1719.7	825.0	9.4	8.6	218.8	3.5	2.2	2.7	298.5	321.7	8.6	95.0	2.3 20.	20.
6.7	24.3	1975.3	800.0	8.0	7.2	211.7	4.2	2.2	3.0	300.7	321.0	7.4	94.5	2.7 21.	21.
7.7	26.6	2237.3	775.0	6.4	5.6	209.6	3.4	1.7	3.5	301.6	319.6	6.5	90.4	2.9 22.	22.
8.7	29.0	2506.0	750.0	4.7	3.2	206.3	3.9	1.7	4.2	303.6	318.6	5.3	90.4	3.2 22.	22.
9.7	31.4	2782.6	725.0	3.8	0.1	198.0	4.4	1.4	3.0	305.3	315.7	3.6	94.2	3.5 21.	21.
10.7	33.9	3067.2	700.0	2.8	-3.8	186.5	3.9	0.4	4.2	307.1	308.3	0.4	5.9	3.6 20.	20.
11.6	36.3	3369.4	675.0	1.3	-33.1	98.3	1.5	-1.5	0.2	308.1	314.7	2.2	39.4	3.6 20.	20.
12.0	38.9	3662.9	650.0	-0.8	-13.1	37.5	2.4	-1.4	-1.9	309.3	310.3	0.3	5.5	3.3 19.	19.
13.0	41.5	3978.9	625.0	-2.7	-38.9	34.7	2.0	-1.1	-1.6	310.3	310.3	0.0	1.0	3.0 23.	23.
14.9	44.1	4297.5	600.0	-3.6	-52.2	367.6	3.0	0.6	-2.9	312.1	316.6	0.0	1.0	2.7 29.	29.
16.1	46.8	4633.0	575.0	-4.6	-52.8	336.2	4.5	1.6	-4.1	314.6	316.6	0.0	1.0	2.5 34.	34.
17.5	49.6	4981.4	550.0	-6.7	-54.2	341.2	4.3	1.4	-4.0	316.1	316.3	0.0	1.0	2.5 34.	34.
18.7	52.4	5342.7	525.0	-9.3	-55.8	325.0	3.6	2.0	-2.9	317.2	317.3	0.0	1.0	2.5 34.	34.
20.1	55.3	5717.2	500.0	-12.7	-57.9	314.2	3.4	2.4	-2.9	318.7	318.8	0.0	1.0	2.5 34.	34.
21.4	58.2	6108.3	475.0	-15.6	-59.8	308.9	4.6	3.6	-2.9	319.2	319.3	0.0	1.0	2.5 34.	34.
22.0	61.3	6511.5	450.0	-19.1	-62.1	302.6	3.8	3.2	-2.0	320.7	320.8	0.0	1.0	2.5 34.	34.
24.2	64.4	6934.3	425.0	-22.1	-64.0	257.8	3.6	3.5	0.8	322.2	323.3	0.0	1.0	2.5 34.	34.
25.6	67.6	7377.3	400.0	-25.3	-66.1	251.5	5.7	5.4	1.8	323.2	323.3	0.0	1.0	2.5 34.	34.
27.2	70.9	7842.5	375.0	-29.0	-68.5	246.8	5.9	5.4	2.3	325.5	325.5	0.0	1.0	2.5 34.	34.
28.8	74.4	8338.4	350.0	-31.8	-68.5	210.3	9.3	4.7	8.1	327.4	327.4	0.0	1.0	2.5 34.	34.
30.5	78.0	8852.2	325.0	-35.8	-68.5	193.4	15.9	3.7	15.5	328.9	328.9	0.0	1.0	2.5 34.	34.
32.3	81.7	9403.9	300.0	-48.3	-68.5	189.8	17.3	4.7	17.0	328.9	328.9	0.0	1.0	2.5 34.	34.
34.4	85.7	9906.3	275.0	-48.3	-68.5	189.8	17.3	3.0	17.0	328.9	328.9	0.0	1.0	2.5 34.	34.
36.5	89.0	10416.7	250.0	-51.1	-68.5	189.8	24.0	3.3	23.0	328.9	328.9	0.0	1.0	2.5 34.	34.
38.6	92.2	11240.2	225.0	-56.4	-68.5	189.8	34.2	4.5	33.9	328.9	328.9	0.0	1.0	2.5 34.	34.
41.0	94.6	12031.0	200.0	-62.0	-68.5	189.8	40.0	4.6	39.7	328.9	328.9	0.0	1.0	2.5 34.	34.
43.4	104.0	12844.2	175.0	-67.4	-68.5	210.8	32.4	16.0	27.8	328.9	328.9	0.0	1.0	2.5 34.	34.
46.5	109.5	13783.0	150.0	-62.5	-68.5	243.9	14.6	13.1	6.4	328.9	328.9	0.0	1.0	2.5 34.	34.
50.8	115.8	14911.1	125.0	-61.0	-68.5	231.8	15.8	12.3	9.7	328.9	328.9	0.0	1.0	2.5 34.	34.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI29 APRIL 1979
1405 G4V

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP OC C	DEB PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MX RTO G4/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	125.0	995.8	17.5	16.2	80.0	3.1	-3.1	-0.5	298.6	321.0	11.7	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	8.3	314.6	675.0	16.9	16.0	157.4	7.8	-3.0	7.2	222.2	322.8	11.9	94.4	0.3	330.
1.7	10.5	536.3	950.0	15.4	14.5	169.6	9.3	-1.7	9.2	292.6	321.4	11.0	94.1	0.7	338.
2.5	12.6	762.8	925.0	14.4	13.5	180.9	7.9	0.1	7.9	294.1	321.7	10.6	94.1	1.2	344.
3.3	14.8	994.4	900.0	13.4	12.4	193.4	6.7	1.5	6.5	295.3	322.1	10.2	94.0	1.5	350.
4.1	17.1	1231.8	875.0	12.3	11.4	200.7	3.8	1.3	3.6	296.8	322.5	9.8	94.1	1.8	354.
5.0	19.4	1473.0	850.0	10.9	10.0	203.2	1.1	1.1	0.1	297.6	322.1	9.1	94.1	1.8	355.
5.9	21.6	1724.2	825.0	9.8	8.6	204.8	1.1	1.1	-0.3	298.6	321.9	8.6	93.6	1.8	357.
6.9	24.0	1979.5	800.0	8.1	6.9	258.8	1.9	1.0	0.2	299.8	321.3	7.9	92.1	1.8	358.
8.0	25.3	2242.0	775.0	7.3	5.5	340.7	1.8	-1.1	1.4	301.7	322.0	7.4	88.4	1.8	358.
9.1	24.7	2512.1	750.0	6.3	0.8	300.1	2.2	0.0	2.2	303.2	318.9	5.4	67.7	1.9	355.
10.0	31.1	2789.6	725.0	4.6	2.5	186.7	3.0	0.4	3.0	304.5	322.4	5.4	55.2	2.1	355.
11.1	33.6	3075.7	700.0	3.2	2.0	191.4	2.1	0.4	2.0	305.1	324.1	5.4	51.7	2.3	357.
12.2	36.1	3378.1	675.0	1.9	-2.0	94.0	1.3	-1.3	0.1	307.6	310.7	0.9	19.0	2.3	357.
13.4	39.6	3673.6	650.0	0.5	-24.6	37.4	2.9	-1.8	-2.3	309.5	313.2	1.2	19.7	2.3	354.
14.7	41.2	3987.1	625.0	-1.0	-39.7	12.9	4.6	-1.0	-4.5	311.3	313.4	0.2	3.4	2.0	350.
15.9	43.6	4311.6	600.0	-2.5	-51.8	355.3	6.8	0.6	-6.8	313.2	313.4	0.1	1.0	1.6	348.
17.2	46.6	4648.4	575.0	-3.6	-52.2	357.3	7.7	0.4	-7.7	315.8	316.0	0.1	1.0	1.0	342.
18.5	49.2	4998.1	550.0	-5.7	-53.6	4.0	5.8	-0.4	-5.8	317.3	317.5	0.0	1.0	0.5	327.
19.9	52.1	5368.4	525.0	-9.1	-55.7	357.2	5.7	0.3	-5.7	317.5	317.7	0.0	1.0	0.3	271.
21.3	55.0	5735.8	500.0	-11.8	-57.4	339.7	4.9	1.6	-4.3	318.8	318.8	0.0	1.0	0.5	208.
22.6	57.9	6126.3	475.0	-14.9	-59.4	322.0	3.8	2.3	-3.0	319.5	319.6	0.0	1.0	0.7	187.
24.1	60.9	6533.0	450.0	-17.9	-61.3	309.3	4.4	3.4	-2.8	320.7	320.3	0.0	1.0	1.0	171.
25.6	64.0	6957.7	425.0	-20.6	-63.5	298.9	5.3	4.6	-2.6	322.2	322.7	0.0	2.3	1.3	156.
27.2	67.1	7402.6	400.0	-24.7	-65.2	286.6	4.3	4.2	-1.2	322.9	323.3	0.1	7.3	1.7	145.
28.8	70.4	7859.0	375.0	-28.0	-67.3	259.1	5.1	5.0	1.0	324.8	324.8	0.1	6.8	2.0	137.
30.5	73.9	8362.0	350.0	-29.8	-68.4	204.0	10.9	4.3	9.6	325.8	325.8	0.5	58.3	2.0	117.
32.2	77.4	8886.7	325.0	-33.5	-69.8	191.0	13.8	2.6	13.6	326.8	326.8	0.4	52.6	2.2	83.
34.1	81.1	9442.9	300.0	-38.2	-64.5	179.0	16.4	-0.1	16.4	327.4	327.4	0.2	51.2	3.0	50.
36.1	85.0	10034.9	275.0	-43.3	-64.5	179.9	20.4	-0.3	20.4	328.5	328.5	99.9	99.9	4.7	28.
38.3	89.2	10668.6	250.0	-48.9	-69.9	179.4	26.1	-0.3	26.1	329.4	329.4	99.9	99.9	7.6	18.
40.4	93.5	11352.2	225.0	-54.6	-69.9	177.3	31.8	-1.5	31.7	330.8	330.8	99.9	99.9	11.2	11.
42.9	98.0	12094.8	200.0	-60.6	-69.9	181.9	34.3	1.1	34.2	331.9	331.9	99.9	99.9	16.1	7.
45.3	103.0	12916.6	175.0	-65.4	-69.9	212.6	24.4	13.2	20.6	332.8	332.8	99.9	99.9	21.1	8.
48.6	108.5	13964.4	150.0	-62.1	-69.9	221.0	12.1	7.9	9.1	333.1	333.1	99.9	99.9	23.3	12.
52.3	114.5	14994.3	125.0	-60.7	-69.9	999.9	99.9	99.9	99.9	335.0	335.0	99.9	99.9	26.0	15.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI25 APRIL 1979
1705 GAT

TIME MIN	CNTC:	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.8	122.0	596.7	22.9	17.6	99.9	5.1	99.9	99.9	296.3	329.9	12.8	72.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
0.8	6.6	314.5	975.0	18.5	15.3	99.9	99.9	99.9	99.9	293.7	999.9	99.9	99.9	0.2	336.0
1.6	10.6	536.9	950.0	16.5	15.3	99.9	7.1	-1.9	6.8	297.0	324.2	11.6	92.5	0.5	340.0
2.5	12.9	764.1	925.0	15.3	13.9	171.3	6.4	-1.0	6.3	295.0	323.5	17.2	91.0	0.9	344.0
3.3	15.1	956.5	900.0	13.7	12.9	182.4	4.2	0.2	4.2	295.6	323.2	10.5	90.7	1.2	346.0
4.2	17.3	1234.3	875.0	12.7	11.9	195.1	2.3	0.6	2.2	296.6	323.7	10.1	90.8	1.3	349.0
5.1	19.6	1477.9	850.0	11.2	10.1	122.0	0.5	-0.4	0.3	297.9	322.5	9.2	92.2	1.4	350.0
6.0	21.9	1727.3	825.0	9.9	8.9	89.7	0.2	-0.2	-0.0	299.1	322.7	8.0	92.7	1.4	359.0
6.9	24.1	1983.1	800.0	8.7	7.7	159.2	0.6	-0.2	0.6	300.4	323.0	8.3	92.7	1.4	369.0
7.9	26.5	2244.2	775.0	7.6	5.1	225.0	0.4	0.3	0.3	302.8	322.0	7.1	92.9	1.4	369.0
8.8	28.9	2516.2	750.0	6.3	1.9	246.9	1.4	1.3	0.5	303.4	320.0	5.9	93.7	1.4	351.0
9.9	31.2	2794.1	725.0	5.3	3.2	225.6	2.0	1.4	1.1	305.3	324.1	6.7	94.0	1.5	355.0
11.0	33.7	3080.5	700.0	3.9	-1.3	246.6	1.4	1.3	0.5	306.6	321.2	5.0	92.6	1.6	366.0
12.1	36.1	3375.6	675.0	2.7	-18.1	339.1	1.7	0.6	-1.6	308.7	313.0	1.4	19.8	1.6	366.0
13.2	38.7	3668.1	650.0	1.2	-19.2	7.4	3.2	-0.4	-3.1	310.4	314.7	1.4	21.4	1.4	368.0
14.3	41.3	3994.3	625.0	-1.0	-23.4	19.1	4.8	-1.6	-4.6	311.2	314.7	1.1	18.9	1.1	356.0
15.5	43.9	4319.0	600.0	-2.0	-46.4	21.8	7.3	-1.7	-6.8	313.8	314.2	0.1	1.8	0.8	341.0
16.7	46.7	4656.0	575.0	-4.0	-61.0	14.5	7.6	-1.9	-7.4	315.9	315.9	0.2	3.7	0.5	293.0
18.1	49.4	5004.6	550.0	-6.7	-42.2	9.2	6.8	-1.1	-6.5	316.1	316.7	4.0	4.0	0.7	236.0
19.3	52.3	5366.1	525.0	-9.1	-23.3	16.2	4.8	-1.3	-4.6	317.5	316.1	0.2	4.2	1.0	217.0
20.8	55.1	5741.2	500.0	-12.0	-44.8	5.8	3.0	-0.3	-3.0	318.5	319.0	0.1	4.5	1.4	212.0
22.3	58.1	6131.5	475.0	-14.6	-46.2	328.6	1.9	1.0	-1.7	319.5	320.4	0.1	4.6	1.5	208.0
23.7	61.3	6538.9	450.0	-17.1	-47.5	313.5	3.7	2.7	-2.6	321.2	322.2	0.1	5.1	1.6	199.0
25.3	64.4	6965.3	425.0	-20.2	-49.3	307.1	4.5	3.6	-3.6	323.0	323.4	0.1	5.4	1.7	187.0
26.8	67.6	7411.3	400.0	-23.6	-51.4	305.5	6.2	5.0	-3.6	324.1	324.4	0.1	5.8	2.0	176.0
28.4	71.0	7878.8	375.0	-27.7	-53.8	298.6	7.2	6.3	-3.4	325.0	325.2	0.1	6.2	2.5	163.0
30.2	74.6	8372.1	350.0	-30.5	-56.9	237.3	6.1	5.2	3.3	327.6	329.2	0.5	53.9	2.9	152.0
32.0	78.2	8895.7	325.0	-33.7	-59.7	192.3	18.1	2.2	9.8	330.8	331.6	0.4	54.5	2.4	137.0
33.9	82.0	9431.4	300.0	-36.3	-63.0	191.0	14.3	2.7	14.0	331.4	332.2	0.2	48.7	1.9	102.0
35.9	86.0	10042.9	275.0	-38.6	99.9	99.9	99.9	99.9	99.9	332.1	999.9	99.9	99.9	999.9	99.9
37.9	90.9	99.9	250.0	-41.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
39.9	95.9	99.9	225.0	-45.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
41.9	99.9	99.9	200.0	-48.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
43.9	99.9	99.9	175.0	-51.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
45.9	99.9	99.9	150.0	-54.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
47.9	99.9	99.9	125.0	-57.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
49.9	99.9	99.9	100.0	-60.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
51.9	99.9	99.9	75.0	-63.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
53.9	99.9	99.9	50.0	-66.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
55.9	99.9	99.9	25.0	-69.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
SUFORD, MISSISSIPPI
25 APRIL 1979
2000 GMT

TIME MIN	CHTCY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR AVE CM/KG	RH PCT	RANGE KM	AZ DEG
0-0	0-5	125-0	994-5	23-0	23-0	999-9	5-1	99-9	99-9	290-9	343-4	10-1	99-9	0-0	0-0
0-0	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
1-0	3-2	293-5	575-0	17-1	15-0	999-9	99-9	99-9	99-9	292-4	322-7	11-7	91-9	0-0	320-0
2-2	10-3	517-2	920-0	15-4	14-3	148-1	0-4	-4-4	7-1	293-1	321-3	10-0	91-5	1-0	325-0
3-3	12-5	744-0	925-0	14-8	13-7	132-7	5-7	-2-6	9-0	294-0	322-0	10-7	93-2	1-0	320-0
4-5	14-0	976-1	900-0	13-7	12-7	140-5	4-9	-2-6	4-2	295-0	322-0	10-3	93-0	1-0	320-0
5-4	17-0	1213-0	875-0	13-0	12-0	139-0	3-0	-2-5	2-0	297-3	324-3	10-2	94-2	2-1	327-0
6-5	19-3	1457-0	850-0	11-4	10-3	142-2	2-8	-0-0	2-4	298-1	323-1	9-3	93-1	2-3	327-0
7-6	21-5	1787-4	825-0	10-2	9-1	171-0	3-1	-0-5	3-1	299-4	323-3	0-0	92-6	2-5	320-0
8-0	23-9	1923-4	800-0	8-9	7-7	160-2	4-0	-1-1	3-0	300-7	323-4	0-3	92-4	2-7	330-0
9-0	26-3	2224-0	775-0	8-2	6-9	207-0	3-1	1-4	2-7	302-6	324-0	0-1	91-0	2-9	335-0
11-0	29-7	2457-6	750-0	7-4	3-6	201-6	3-0	2-0	0-4	304-6	323-2	0-6	70-9	2-9	336-0
12-2	31-1	2772-5	725-0	6-2	-3-0	302-0	3-7	3-1	-1-9	306-2	310-7	0-3	52-5	2-0	340-0
13-5	33-6	3063-5	700-0	4-4	-10-7	330-0	5-4	2-3	-7-0	307-8	311-0	1-3	16-9	2-5	342-0
14-8	36-1	3352-0	675-0	3-4	-30-1	343-0	0-1	2-3	-7-7	309-8	310-2	0-2	2-9	2-0	342-0
16-2	38-7	3640-0	650-0	1-0	-30-6	349-5	9-4	1-7	-0-3	311-2	311-0	0-2	3-0	1-2	340-0
17-6	41-2	3978-8	625-0	-0-3	-39-4	355-7	10-2	0-0	-10-2	312-5	312-0	0-2	3-3	0-0	300-0
19-0	43-9	4303-0	600-0	-2-5	-40-3	360-3	9-6	2-0	-0-4	313-8	313-0	0-2	3-5	0-0	203-0
20-3	46-6	4600-2	575-0	-0-6	-31-0	352-6	0-0	1-1	-0-0	314-6	316-3	0-5	10-6	1-2	105-0
21-7	49-3	4880-3	550-0	-7-1	-36-0	358-3	7-1	0-7	-7-1	315-7	316-0	0-3	7-7	1-9	101-0
23-2	52-2	5349-1	525-0	-9-6	-36-7	360-1	6-2	1-3	-0-0	316-7	317-0	0-3	7-3	2-0	170-0
24-7	55-1	5723-6	500-0	-12-4	-40-3	360-0	4-4	2-1	-0-0	318-0	318-0	0-2	7-9	3-0	170-0
26-2	58-1	6113-3	475-0	-15-3	-42-2	366-0	0-5	1-0	-0-3	319-1	319-0	0-2	7-0	3-0	170-0
27-0	61-3	6510-0	450-0	-18-1	-44-1	354-9	0-2	0-7	-0-2	320-8	321-1	0-2	0-1	4-3	175-0
29-4	64-0	6944-5	425-0	-20-9	-45-9	350-0	0-6	0-3	-0-6	322-8	322-0	0-1	0-4	5-1	170-0
31-2	67-6	7309-4	400-0	-24-4	-48-3	344-0	9-3	2-5	-7-2	323-3	323-7	0-1	0-0	6-1	170-0
33-2	71-0	7659-7	375-0	-28-2	-50-9	323-5	9-9	3-5	-4-7	324-3	324-6	0-1	9-2	7-0	172-0
35-2	74-4	8307-7	350-0	-31-1	-50-2	251-1	4-0	3-0	1-3	326-2	327-2	0-1	10-1	7-0	160-0
37-0	78-1	8869-6	325-0	-34-3	-37-5	107-4	9-6	0-7	9-6	329-4	331-0	0-5	12-3	7-0	160-0
39-6	82-0	9424-3	300-0	-38-9	-41-0	100-0	10-1	1-1	10-1	330-6	331-0	0-3	73-3	0-0	140-0
42-0	85-9	10015-6	275-0	-43-4	-44-9	99-9	10-0	-0-3	10-0	332-4	333-0	0-0	99-9	4-2	135-0
44-0	89-2	10640-0	250-0	-49-3	-49-9	173-0	10-0	-2-3	10-0	332-8	333-0	0-0	99-9	1-0	110-0
47-5	94-5	11331-4	225-0	-54-7	-54-9	103-0	27-0	-0-1	20-4	334-7	335-0	0-0	99-9	3-1	15-0
50-5	99-2	12074-0	200-0	-60-6	-59-9	172-9	27-0	-3-4	17-3	337-0	337-0	0-0	99-9	0-0	34-0
55-0	104-0	12900-2	175-0	-64-4	-64-0	99-9	15-0	0-0	15-0	343-7	343-0	0-0	99-9	13-3	350-0
59-2	110-0	13043-5	150-0	-61-7	-61-9	99-9	14-5	10-6	9-9	343-7	343-0	0-0	99-9	16-0	0-0
64-2	116-3	14070-3	125-0	-59-2	-59-9	237-5	14-0	11-0	7-5	343-7	343-0	0-0	99-9	19-7	15-0
70-3	123-3	14340-0	100-0	-60-4	-60-9	99-9	99-9	99-9	99-9	411-1	411-0	0-0	99-9	999-9	999-9
99-9	99-9	99-9	75-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
99-9	99-9	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 19
OXFORD, MISSISSIPPI

25 APRIL 1970
2305 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.7	125.0	993.3	22.6	19.9	999.9	5.1	99.9	99.9	296.2	335.3	15.0	95.0	0.0	0.
99.9	99.9	999.9	1000.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9
0.7	8.3	285.0	975.0	19.1	16.6	999.9	99.9	99.9	99.9	294.4	326.5	12.3	95.2	0.1	308.
1.5	12.5	509.3	950.0	17.0	14.1	154.1	6.2	-2.7	5.6	295.2	323.6	10.8	79.3	0.4	300.
2.4	12.6	737.4	925.0	16.2	13.0	152.9	6.8	-3.1	6.0	295.5	323.0	10.3	81.3	0.6	335.
3.3	14.9	970.3	900.0	14.4	12.8	164.3	6.1	-1.6	9.8	296.4	323.9	10.4	90.1	1.1	336.
4.2	17.2	1202.6	875.0	13.2	12.6	180.1	4.0	0.0	4.0	297.8	325.6	10.6	96.1	1.4	339.
5.2	19.5	1452.6	850.0	11.8	11.3	188.8	3.9	0.5	3.9	298.6	325.3	10.0	96.8	1.6	342.
6.2	21.7	1702.6	825.0	10.3	9.8	196.5	1.7	0.5	1.6	299.8	324.6	9.3	96.9	1.7	345.
7.1	24.1	1958.9	800.0	9.3	8.8	195.0	1.8	0.5	1.7	301.1	325.8	9.0	96.9	1.8	348.
8.2	26.4	2221.9	775.0	7.0	6.5	243.9	2.4	2.2	1.1	301.4	323.1	7.9	96.6	1.9	350.
9.3	29.8	2491.4	750.0	5.3	4.7	296.5	2.3	2.1	-1.0	302.4	322.3	7.2	95.7	1.9	354.
10.4	31.2	2768.2	725.0	5.5	-17.7	355.2	5.0	0.4	-5.0	308.8	311.2	1.9	26.7	1.7	355.
11.6	33.0	3054.8	700.0	5.5	-46.5	1.5	8.3	-0.2	-0.2	308.6	308.9	6.1	1.0	1.2	352.
12.6	36.3	3351.4	675.0	4.7	-47.1	356.0	9.6	0.7	-9.8	310.5	311.2	0.1	1.0	0.3	344.
14.0	38.9	3657.6	650.0	2.9	-48.1	350.9	12.3	2.0	-12.2	312.3	312.6	0.1	1.0	0.3	266.
15.2	41.4	3973.0	625.0	-0.0	-50.0	348.9	12.0	2.3	-11.8	312.7	312.7	0.1	1.0	1.2	175.
16.6	44.1	4298.1	600.0	-2.4	-51.5	339.8	12.1	3.1	-11.7	313.3	313.5	0.1	1.0	2.2	171.
17.9	45.9	4634.4	575.0	-4.4	-52.7	339.8	11.0	3.0	-10.3	314.8	315.0	0.0	1.0	3.1	168.
19.2	47.7	4982.6	550.0	-7.3	-54.5	335.3	10.1	2.6	-9.8	315.8	315.6	0.0	1.0	3.9	167.
20.6	52.5	5342.8	525.0	-10.4	-58.9	330.7	11.3	1.8	-11.1	315.9	316.3	0.1	2.5	4.8	107.
22.1	55.4	5716.0	500.0	-13.2	-68.3	326.2	10.6	1.1	-10.0	316.6	317.0	0.1	3.5	5.8	168.
23.6	58.4	6104.4	475.0	-16.0	-73.7	324.1	9.6	0.9	-9.9	318.1	318.7	0.2	7.2	6.7	169.
25.1	61.5	6509.6	450.0	-18.7	-74.2	327.0	7.6	0.4	-7.6	319.7	320.3	0.2	8.5	7.4	169.
26.7	64.8	6933.9	425.0	-21.0	-73.3	327.0	7.1	-0.1	-7.1	322.0	322.1	0.0	1.0	8.0	170.
28.4	68.0	7378.1	400.0	-25.0	-65.9	326.4	6.5	0.8	-6.4	322.8	322.5	0.0	1.0	8.8	171.
30.1	71.4	7844.0	375.0	-28.8	-68.4	328.9	7.9	1.5	-7.7	323.8	323.6	0.0	1.0	9.7	171.
31.9	74.9	8333.7	350.0	-32.7	-70.9	337.6	7.6	2.9	-7.0	324.7	324.7	0.0	1.0	10.5	171.
33.7	78.4	8851.7	325.0	-36.3	-55.1	329.3	4.4	2.2	-3.7	326.7	327.0	0.1	15.3	11.2	169.
35.7	82.3	9403.3	300.0	-39.7	99.9	999.9	99.9	99.9	99.9	329.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI26 APRIL 1979
505 EDT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.6	125.0	992.0	17.4	10.2	99.9	2.6	94.9	99.9	291.4	312.3	7.9	62.0	126	106.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.2	272.8	975.0	16.2	9.2	99.9	99.9	99.9	99.9	293.4	313.5	7.6	56.0	999.9	999.9
1.3	11.5	495.5	950.0	17.5	13.1	109.8	5.4	9.9	5.3	295.0	321.5	10.1	75.5	999.9	999.9
2.1	13.9	723.4	925.0	16.0	14.4	210.9	4.1	2.4	3.5	295.7	325.3	11.3	90.5	0.4	2.0
2.9	16.4	956.7	900.0	15.1	13.3	249.2	4.4	4.1	1.6	297.1	325.5	10.7	88.9	0.6	7.0
3.7	18.7	1155.6	875.0	14.0	11.1	269.5	4.2	3.2	0.0	298.4	324.1	9.6	82.0	0.8	17.0
4.7	21.2	1400.3	850.0	13.0	9.6	258.9	3.1	3.0	0.7	299.8	323.9	9.9	80.0	1.0	31.0
5.6	23.8	1691.2	825.0	11.4	5.1	258.9	2.6	2.6	0.5	300.8	323.9	9.8	84.6	1.2	44.0
6.5	26.3	1940.9	800.0	12.4	-22.4	325.1	3.9	2.3	-2.2	304.4	307.6	9.6	84.6	1.2	44.0
7.3	28.8	2214.5	775.0	11.4	-6.4	341.4	6.8	2.2	-0.5	304.4	307.6	9.6	84.6	1.2	44.0
8.3	31.4	2487.8	750.0	10.2	-4.4	336.3	10.8	3.6	-0.1	307.7	315.5	3.1	28.4	1.1	64.0
9.3	34.0	2768.6	725.0	8.0	-3.4	336.3	10.8	4.3	-0.9	308.2	318.5	3.7	35.3	1.2	83.0
10.3	36.7	3057.2	700.0	5.7	-4.8	331.9	12.6	5.9	-1.1	308.2	320.3	4.1	44.5	1.5	109.0
11.4	39.4	3353.7	675.0	3.3	-4.4	326.8	13.4	7.4	-11.3	309.3	321.4	4.1	57.0	2.9	131.0
12.3	42.1	3658.8	650.0	1.1	-4.7	328.2	12.1	6.4	-10.3	310.2	322.6	4.2	65.3	3.6	134.0
13.5	45.0	3973.1	625.0	-1.6	-5.3	333.9	10.6	4.7	-9.5	310.7	322.6	4.1	75.8	4.3	137.0
14.6	47.9	4296.9	600.0	-4.4	-15.7	344.0	8.7	2.7	-9.4	311.1	321.7	3.6	87.3	5.5	142.0
15.7	50.2	4631.4	575.0	-6.4	-31.2	344.3	9.3	2.5	-8.9	312.4	318.7	2.0	97.3	6.2	144.0
16.8	53.9	4976.3	550.0	-7.3	-36.3	346.5	9.6	2.5	-8.9	312.4	317.4	0.3	107.3	6.8	148.0
18.0	56.9	5338.7	525.0	-10.1	-44.0	344.2	9.5	2.6	-9.3	310.2	317.4	0.2	117.4	7.5	148.0
19.3	60.1	5712.7	500.0	-12.8	-44.0	344.2	10.1	3.4	-9.2	317.4	318.2	0.2	127.4	8.2	150.0
20.6	63.3	6101.6	475.0	-15.7	-61.4	332.8	10.9	8.0	-9.7	320.6	320.7	0.0	137.4	9.1	150.0
22.0	66.6	6507.7	450.0	-18.0	-63.6	331.0	10.3	4.9	-9.7	320.6	320.7	0.0	147.4	10.1	150.0
23.7	70.1	6932.0	425.0	-21.4	-65.1	332.0	12.0	8.5	-10.7	324.0	324.1	0.0	157.4	11.2	151.0
25.2	73.7	7377.3	400.0	-23.8	-66.6	341.2	10.4	3.4	-9.9	325.1	325.1	0.0	167.4	12.3	151.0
26.7	77.4	7845.1	375.0	-27.6	-66.6	341.2	10.0	3.4	-9.4	325.1	325.1	0.0	177.4	13.2	152.0
28.3	81.2	8337.9	350.0	-31.2	-63.4	341.3	9.6	3.3	-9.4	326.7	326.7	0.0	187.4	14.1	152.0
30.0	85.2	8857.4	325.0	-36.2	-63.4	341.3	9.6	3.1	-9.1	326.7	326.7	0.0	197.4	15.2	153.0
31.7	89.3	9405.3	300.0	-40.2	99.9	5.0	5.5	-0.5	-5.5	326.7	326.7	0.0	207.4	16.2	153.0
33.7	93.8	9994.3	275.0	-44.5	99.9	104.7	2.2	-2.1	0.4	330.2	326.7	0.0	217.4	17.2	154.0
35.8	98.4	10624.7	250.0	-51.2	99.9	172.1	2.7	-0.4	2.7	330.2	326.7	0.0	227.4	18.2	154.0
38.3	103.4	11300.6	225.0	-57.2	99.9	181.9	4.3	0.1	4.3	330.2	326.7	0.0	237.4	19.2	154.0
41.0	108.0	12037.3	200.0	-61.1	99.9	225.2	5.7	4.0	4.0	330.2	326.7	0.0	247.4	20.2	154.0
43.2	114.0	12808.0	175.0	-64.4	99.9	272.7	5.9	5.9	-0.3	343.7	326.7	0.0	257.4	21.2	154.0
46.2	121.0	13683.4	150.0	-63.4	99.9	272.7	5.9	5.5	2.3	343.7	326.7	0.0	267.4	22.2	154.0
49.8	129.9	14935.0	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	343.7	326.7	0.0	277.4	23.2	154.0
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	343.7	326.7	0.0	287.4	24.2	154.0
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	343.7	326.7	0.0	297.4	25.2	154.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	343.7	326.7	0.0	307.4	26.2	154.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	343.7	326.7	0.0	317.4	27.2	154.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME N. E BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
 OXFORD, MISSISSIPPI

 26 APRIL 1979
 1105 EDT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEPP DG C	DEB PG DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DG K	E POT T DG K	WZ STD CM/KG	RM PCT	RANGE AZ KM	04 951. 0
0.0	7.1	125.0	991.0	27.5	24.1	999.9	3.1	99.9	99.9	301.4	382.9	19.3	82.0	0.0	0.
97.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.4	266.2	975.0	16.7	14.6	999.9	99.9	99.9	99.9	291.5	319.9	10.6	87.5	999.9	999.9
1.5	10.6	466.3	950.0	16.8	15.3	236.7	9.9	8.3	9.4	294.3	324.6	11.6	90.7	0.7	32.
2.3	12.3	716.2	925.0	16.3	14.7	257.5	10.3	10.1	2.2	296.8	326.2	11.5	89.8	1.2	48.
3.2	15.0	948.4	900.0	15.3	11.0	264.4	11.1	11.1	1.1	297.2	322.2	9.2	74.5	1.7	59.
4.1	17.3	1165.7	875.0	14.2	13.1	270.6	11.7	11.7	-0.1	298.3	327.6	10.9	92.0	3.3	66.
5.1	19.6	1432.8	850.0	13.2	12.5	277.7	11.9	11.8	-1.6	300.8	329.0	10.8	95.3	2.8	73.
6.0	21.9	1685.2	825.0	11.9	11.2	285.1	13.2	12.7	-3.4	301.1	328.0	10.2	95.7	3.5	78.
7.2	24.3	1942.9	800.0	10.0	9.3	293.0	13.1	12.1	-5.1	301.6	327.1	9.3	95.8	4.3	85.
9.3	26.7	2207.6	775.0	8.7	8.0	295.4	11.6	10.8	-5.6	303.1	325.2	8.6	95.6	5.1	90.
9.5	27.1	2476.2	750.0	7.2	6.6	301.7	11.6	9.8	-6.1	304.4	327.1	8.2	95.7	5.8	94.
10.5	31.6	2752.4	725.0	5.9	5.1	299.7	11.3	9.8	-5.6	305.5	327.4	7.7	95.1	6.4	94.
11.6	34.1	3044.8	700.0	4.6	3.5	300.8	9.3	8.0	-4.6	307.6	327.5	7.0	92.5	7.0	98.
14.0	36.7	3341.0	675.0	2.6	1.1	306.2	11.6	9.4	-6.9	308.6	326.3	6.2	89.6	8.4	103.
15.5	39.2	3648.1	650.0	0.8	-0.9	301.6	13.5	11.5	-7.1	309.5	325.9	5.5	88.9	9.4	106.
15.4	41.9	3969.9	625.0	-0.3	-2.3	999.9	99.9	99.9	99.9	312.1	327.4	5.2	86.2	10.1	107.
17.3	44.6	4288.2	600.0	-1.1	-2.5	999.9	99.9	99.9	99.9	314.5	330.7	5.3	90.1	999.9	999.9
18.2	47.3	4627.3	575.0	-3.1	-4.6	999.9	99.9	99.9	99.9	316.4	330.5	4.7	87.5	999.9	999.9
97.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 97 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPENDIX II

AVE-SESAME III Sounding Data
of Questionable Validity
Presented at 25-mb Intervals

STATION NO. 229
 CENTERVILLE, ALABAMA

 26 APRIL 1979
 007 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POS T DEG K	E POT T DEG K	WZ RTO CM/KG	RH PCT	RANGE KM	42 DEG
0.0	6.1	140.0	999.7	15.5	15.0	999.9	99.9	99.9	99.9	200.0	310.4	10.0	97.0	999.9	999.9
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.8	8.3	343.0	975.0	14.0	12.9	999.9	99.9	99.9	99.9	209.2	310.1	9.7	93.5	999.9	999.9
1.4	10.5	563.2	950.0	14.3	12.7	999.9	99.9	99.9	99.9	291.7	317.2	9.8	90.5	999.9	999.9
2.4	12.9	789.0	925.0	14.0	11.2	999.9	99.9	99.9	99.9	293.6	317.5	9.1	83.1	999.9	999.9
3.2	15.2	1020.0	900.0	12.4	10.4	999.9	99.9	99.9	99.9	296.3	317.7	8.0	87.1	999.9	999.9
4.0	17.4	1256.9	875.0	12.2	10.0	999.9	99.9	99.9	99.9	297.6	320.1	8.9	84.2	999.9	999.9
4.9	22.0	1499.0	850.0	11.1	5.9	999.9	99.9	99.9	99.9	297.6	316.8	6.9	70.2	999.9	999.9
5.8	22.4	1749.0	825.0	9.5	4.7	999.9	99.9	99.9	99.9	298.7	310.6	6.5	72.1	999.9	999.9
6.7	25.0	2003.0	800.0	7.5	2.9	999.9	99.9	99.9	99.9	299.1	315.8	5.9	72.7	999.9	999.9
7.6	27.4	2265.9	775.0	7.3	1.8	999.9	99.9	99.9	99.9	301.7	317.5	5.6	67.0	999.9	999.9
8.5	30.0	2535.2	750.0	5.6	0.3	999.9	99.9	99.9	99.9	302.6	317.4	5.2	68.7	999.9	999.9
9.5	32.6	2812.2	725.0	3.6	-0.5	999.9	99.9	99.9	99.9	303.5	318.0	5.1	74.4	999.9	999.9
10.5	35.2	3096.4	700.0	1.7	-0.5	999.9	99.9	99.9	99.9	304.4	319.5	5.3	85.3	999.9	999.9
11.5	37.9	3389.0	675.0	-0.4	-1.8	999.9	99.9	99.9	99.9	305.2	319.4	5.0	90.1	999.9	999.9
12.7	40.7	3690.4	650.0	-1.3	-23.9	999.9	99.9	99.9	99.9	307.5	310.2	0.8	13.9	999.9	999.9
13.7	43.4	4001.4	625.0	-3.9	-23.3	999.9	99.9	99.9	99.9	308.6	311.0	1.0	21.0	999.9	999.9
14.9	46.2	4322.4	600.0	-5.7	-24.7	999.9	99.9	99.9	99.9	309.2	312.3	0.9	28.7	999.9	999.9
16.0	49.1	4655.0	575.0	-7.3	-31.3	999.9	99.9	99.9	99.9	311.4	313.1	0.5	12.7	999.9	999.9
17.2	52.0	4959.4	550.0	-10.1	-28.9	999.9	99.9	99.9	99.9	312.1	310.2	0.6	19.0	999.9	999.9
18.3	55.1	5356.4	525.0	-12.6	-23.7	999.9	99.9	99.9	99.9	313.3	316.7	1.1	30.6	999.9	999.9
19.5	58.3	5728.7	500.0	-13.6	-21.4	999.9	99.9	99.9	99.9	316.2	321.0	1.4	51.3	999.9	999.9
20.7	61.4	6117.2	475.0	-16.2	-17.1	999.9	99.9	99.9	99.9	316.6	324.6	2.1	92.2	999.9	999.9
22.0	64.6	6521.9	450.0	-19.4	-19.4	999.9	99.9	99.9	99.9	318.9	324.7	1.8	97.0	999.9	999.9
23.5	68.0	6944.6	425.0	-22.3	-23.6	999.9	99.9	99.9	99.9	320.4	324.8	1.3	89.0	999.9	999.9
25.0	71.4	7367.7	400.0	-25.6	-28.8	999.9	99.9	99.9	99.9	321.7	324.7	0.9	74.0	999.9	999.9
26.4	75.0	7852.3	375.0	-29.3	-32.8	999.9	99.9	99.9	99.9	322.8	325.0	0.6	71.7	999.9	999.9
28.1	79.9	8340.9	350.0	-33.5	-38.2	999.9	99.9	99.9	99.9	323.6	325.0	0.4	62.5	999.9	999.9
30.1	83.4	8857.6	325.0	-38.9	-42.7	999.9	99.9	99.9	99.9	323.1	324.1	0.3	66.7	999.9	999.9
31.4	86.7	9401.9	300.0	-42.3	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.9
33.6	91.0	9983.2	275.0	-47.4	99.9	999.9	99.9	99.9	99.9	326.2	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 2
BARTLESVILLE, OKLAHOMA

25 APRIL 1979
1110 GMT

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.2	280.0	973.5	16.3	14.1	180.0	3.1	0.0	3.1	291.7	318.9	18.5	87.8	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.2	653.4	950.0	18.2	14.5	186.1	19.5	2.1	19.4	295.7	324.7	11.0	79.1	0.5	348.
1.5	13.3	723.2	925.0	20.2	13.3	193.2	22.6	5.7	21.2	300.0	328.1	10.4	64.4	1.6	4.
2.4	15.5	980.3	900.0	20.7	11.2	203.1	22.9	9.0	21.0	302.5	328.5	9.4	54.4	2.0	16.
3.3	17.7	1203.9	875.0	19.8	11.3	211.3	21.1	11.0	18.0	304.3	331.0	9.7	50.2	3.9	15.
4.2	20.0	1459.6	850.0	19.9	10.0	217.6	20.3	12.4	16.1	307.0	332.4	9.1	52.0	5.0	20.
5.1	22.3	1711.0	825.0	19.4	3.1	214.4	18.7	10.6	15.4	309.1	325.9	5.8	33.8	0.0	23.
6.1	24.5	1974.7	800.0	17.3	4.5	215.7	17.8	10.4	14.4	309.6	328.6	6.6	42.8	7.1	25.
7.0	26.8	2244.9	775.0	15.1	6.7	221.6	16.4	10.9	12.2	310.0	332.7	8.0	57.3	8.0	26.
8.0	29.2	2521.5	750.0	15.2	5.3	223.9	14.4	10.0	10.4	309.9	331.2	7.5	62.5	9.9	28.
9.0	31.6	2805.2	725.0	16.3	2.6	218.4	13.4	8.3	10.5	310.8	329.2	6.4	58.5	9.7	29.
10.0	34.0	3086.1	700.0	7.6	0.8	210.0	12.3	6.9	10.2	310.9	327.8	5.8	62.8	10.4	30.
11.1	36.5	3395.0	675.0	5.0	0.9	208.9	11.1	5.3	9.7	311.3	328.9	6.1	75.1	11.2	30.
12.3	39.0	3701.8	650.0	1.5	-1.7	215.0	9.9	5.6	8.1	310.7	325.9	5.2	79.5	11.9	30.
13.5	41.6	4017.2	625.0	-0.1	-11.2	231.5	10.8	8.5	6.7	312.4	320.4	2.6	42.8	12.6	30.
14.6	44.2	4323.3	600.0	-2.9	-13.5	248.8	12.8	11.8	5.1	312.8	319.8	2.3	43.9	13.3	32.
15.8	46.9	4677.6	575.0	-6.2	-13.5	256.5	14.1	13.7	3.3	312.6	320.0	2.3	55.0	14.1	35.
17.1	49.7	5024.2	550.0	-8.8	-17.5	252.2	14.8	14.1	4.5	313.7	319.2	1.6	49.3	14.9	38.
18.3	52.4	5382.5	525.0	-11.8	-22.5	248.0	14.1	12.9	5.7	314.3	318.1	1.2	40.2	15.6	40.
19.6	55.3	5754.8	500.0	-13.9	-25.3	253.8	13.8	13.2	3.8	316.1	319.3	1.0	37.3	16.8	41.
21.0	58.1	6142.1	475.0	-17.0	-29.0	259.3	12.3	12.1	2.3	316.5	319.3	0.7	34.3	17.4	43.
22.3	61.3	6545.7	450.0	-19.7	-32.8	272.3	13.5	12.4	-1.7	318.5	319.8	0.4	29.1	18.4	45.
23.3	64.4	6937.5	425.0	-22.0	-36.2	288.6	13.6	12.9	-4.3	319.2	320.6	0.2	15.8	19.1	49.
25.5	67.5	7409.4	400.0	-25.1	-43.1	273.9	9.6	9.6	-0.6	329.1	321.7	0.2	15.7	19.8	52.
27.3	70.2	7872.3	375.0	-30.1	-47.1	274.8	8.3	9.3	-0.7	321.8	322.3	0.1	17.1	20.5	53.
29.0	74.3	8359.1	350.0	-34.0	-49.0	255.3	7.1	7.0	0.6	322.9	323.4	0.1	21.2	21.6	55.
30.9	77.9	8774.3	325.0	-35.1	-49.3	252.3	9.9	9.4	3.0	324.3	325.0	0.2	31.8	22.0	59.
33.0	81.5	9415.4	300.0	-43.3	-59.9	272.6	8.6	8.6	-0.4	324.3	329.9	99.9	99.9	23.0	57.
34.0	85.4	9998.4	275.0	-48.8	59.9	264.6	9.4	9.4	-0.8	324.4	329.9	99.9	99.9	23.7	58.
36.3	93.8	10517.3	250.0	-54.4	99.9	264.6	10.1	10.1	0.9	329.1	329.9	99.9	99.9	24.7	60.
38.7	93.8	11281.4	225.0	-61.1	59.9	269.7	12.4	12.4	0.1	324.6	329.9	99.9	99.9	26.0	61.
41.4	99.6	12003.4	200.0	-65.7	99.9	264.7	13.5	13.4	0.1	328.6	329.9	99.9	99.9	27.6	63.
43.3	103.5	12321.7	175.0	-61.5	59.9	274.7	14.9	14.0	-1.2	348.4	329.9	99.9	99.9	30.0	65.
47.3	109.0	13773.2	150.0	-62.5	59.9	267.7	12.9	12.9	0.5	362.4	329.9	99.9	99.9	31.8	67.
51.5	115.3	14918.2	125.0	-58.1	99.9	262.4	12.3	12.2	1.6	369.7	329.9	99.9	99.9	35.3	69.
56.2	122.0	15310.3	100.0	-52.7	99.9	999.9	99.9	99.9	99.9	414.3	329.9	99.9	99.9	999.9	99.9
92.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

26 APRIL 1979
2005 GMT

TIME M/T	CNTCT	HEIGHT CM	PRES MB	TEMP OC C	DEB PT OC C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT Y DG M	E POT Y DG K	MH RTO CM/KG	RM PCY	RANGE KM	AZ DG
2.0	9.1	200.0	507.7	29.9	15.2	230.0	4.1	3.1	2.6	303.9	337.1	11.3	41.0	0.0	0
9.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.5	99.9	99.9	975.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.5	13.7	447.9	950.0	26.4	16.1	999.9	99.9	99.9	99.9	303.4	337.2	12.3	99.9	999.9	999.9
1.2	12.0	602.3	925.0	23.5	14.0	999.9	99.9	99.9	99.9	303.4	334.3	11.4	57.4	999.9	999.9
2.0	15.0	921.1	900.0	21.3	13.7	999.9	99.9	99.9	99.9	303.2	333.4	11.0	61.7	0.0	85
2.9	17.3	1165.2	875.0	19.2	13.5	277.3	5.5	5.5	-0.7	303.0	334.3	11.2	69.5	1.1	87
3.7	19.5	1415.0	850.0	16.6	13.1	276.3	5.4	5.4	-0.6	303.0	334.1	11.2	79.0	1.4	90
4.3	21.7	1668.2	825.0	14.4	13.0	262.1	6.0	5.9	0.0	303.9	335.2	11.5	91.2	1.6	90
4.9	24.0	1927.0	800.0	12.1	11.4	245.5	7.2	6.5	3.0	304.1	333.7	10.0	96.7	1.0	88
5.5	26.4	2194.4	775.0	10.9	10.5	230.2	8.7	7.4	4.6	305.2	334.2	10.4	97.5	2.1	84
5.9	28.7	2460.0	750.0	9.4	9.1	245.5	11.0	10.7	4.9	306.2	334.0	9.0	97.0	2.3	81
6.3	31.1	2749.2	725.0	7.9	-0.3	251.6	14.7	13.9	4.6	308.2	323.7	5.4	57.0	2.6	80
6.7	33.6	3037.3	700.0	6.0	-14.0	251.9	14.0	14.0	4.6	309.2	314.1	1.6	18.7	3.0	79
7.5	36.1	3336.6	675.0	5.4	-13.9	245.0	12.0	11.4	5.3	311.7	317.7	1.9	23.3	3.6	77
8.5	39.6	3642.0	650.0	3.6	-15.0	240.0	15.0	13.1	7.3	313.1	318.5	1.7	22.0	4.4	75
9.9	41.2	3958.9	625.0	1.2	-19.9	244.3	14.5	13.1	6.3	313.5	317.9	1.3	10.0	5.6	72
11.2	43.0	4208.6	600.0	-1.3	-21.0	240.5	14.3	13.3	5.3	314.7	318.3	1.1	19.2	6.7	71
12.5	45.5	4623.5	575.0	-3.5	-21.3	251.0	14.4	13.6	4.7	315.9	319.0	1.2	23.7	7.9	71
13.9	49.2	4973.1	550.0	-6.3	-27.4	255.4	14.0	14.1	3.7	316.2	319.0	0.7	16.0	9.0	71
15.2	52.0	5330.4	525.0	-9.7	-33.6	259.0	14.4	14.2	2.6	316.2	319.0	0.4	12.3	10.2	72
16.5	54.9	5709.6	500.0	-12.0	-40.3	264.0	12.9	12.0	1.4	318.4	319.2	0.2	7.4	11.2	73
17.8	57.9	6090.3	475.0	-15.4	-46.0	267.4	11.6	11.6	0.5	318.9	319.3	0.1	4.0	12.1	74
19.2	60.9	6500.7	450.0	-18.0	-46.5	278.0	11.4	11.3	-1.0	319.7	320.1	0.1	6.9	13.1	75
20.7	63.9	6820.2	425.0	-21.0	-48.2	292.0	12.9	11.6	-4.7	321.3	321.7	0.1	6.9	14.0	77
22.5	67.1	7371.2	400.0	-25.0	-49.7	298.6	12.9	11.0	-6.0	321.2	321.9	0.1	8.5	15.0	80
24.2	70.4	7834.8	375.0	-29.0	-52.5	289.6	13.1	12.4	-4.4	322.1	322.4	0.1	8.9	16.1	83
25.9	73.9	8323.1	350.0	-33.4	-55.0	277.7	15.4	15.5	-2.1	323.2	324.0	0.1	9.3	17.5	85
27.7	77.4	8832.5	325.0	-38.2	-59.4	261.9	16.9	16.1	-3.4	324.9	324.2	0.0	9.0	19.2	86
29.6	81.1	9383.3	300.0	-43.4	99.0	289.3	18.7	17.6	-6.2	324.2	999.9	99.9	999.9	21.0	88
31.7	85.0	9862.3	275.0	-48.3	99.9	293.1	23.0	21.9	-9.3	325.3	999.9	99.9	999.9	23.5	90
34.0	89.2	10523.6	250.0	-52.6	99.9	286.5	17.4	16.7	-4.9	327.5	999.9	99.9	999.9	26.5	92
36.6	93.5	11254.9	225.0	-58.4	99.9	264.6	12.6	12.6	1.2	328.7	999.9	99.9	999.9	28.0	93
39.3	98.2	11925.6	200.0	-62.4	99.9	264.0	19.0	18.0	1.0	332.4	999.9	99.9	999.9	30.9	92
42.2	103.2	12010.6	175.0	-59.9	99.9	262.0	21.3	20.0	-4.4	351.0	999.9	99.9	999.9	31.0	93
45.5	108.0	13774.4	150.0	-61.3	99.9	271.0	12.0	12.0	-1.2	366.2	999.9	99.9	999.9	31.0	93
49.4	114.0	14000.4	125.0	-60.5	99.9	263.7	13.3	13.3	1.5	385.4	999.9	99.9	999.9	44.0	93
54.3	121.7	16304.3	100.0	-54.4	99.9	999.9	99.9	99.9	99.9	418.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 2
BARTLESVILLE OKLAHOMA
26 APRIL 1979
2352 GMT

TIME MIN	CNTY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB 10 DEG N	E POT V DEG N	WX RTO GM/KG	WH ACT	RANGE KM	AZ DEG
0.0	9.2	294.0	970.6	10.4	8.8	360.0	10.3	0.0	-10.3	290.0	309.3	7.4	00.0	0.0	0.
0.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	11.1	464.3	550.0	11.0	7.2	299.9	99.9	99.9	99.9	289.2	306.9	6.7	73.4	999.9	999.9
1.7	13.5	626.9	525.0	5.5	7.1	599.9	99.9	99.9	99.9	284.0	307.1	6.9	85.4	999.9	999.9
2.3	15.8	914.0	500.0	8.4	8.2	599.9	99.9	99.9	99.9	290.2	310.1	7.8	85.4	999.9	999.9
3.3	15.2	1150.2	575.0	13.0	12.0	331.8	11.7	5.5	-10.3	297.4	326.2	10.9	90.4	2.5 175.	90.4
4.3	20.7	1355.6	650.0	14.6	14.1	289.1	8.1	7.6	-2.6	301.9	333.8	12.0	90.9	3.7 168.	90.9
5.2	23.1	1548.1	825.0	12.4	12.4	261.7	7.8	7.7	1.1	302.7	331.8	11.1	98.4	3.8 162.	98.4
6.1	25.7	1996.7	650.0	11.2	10.9	239.4	9.8	8.4	5.0	303.1	331.2	10.3	98.2	3.8 165.	98.2
7.1	23.2	2171.5	775.0	8.7	9.4	264.4	9.3	8.4	4.0	303.2	327.8	9.8	97.8	3.8 164.	97.8
9.1	30.7	2462.7	750.0	6.8	5.3	251.7	7.3	6.9	3.3	303.8	325.5	7.0	93.7	3.9 139.	93.7
9.1	31.3	2721.1	725.0	6.2	-2.3	272.7	7.0	7.0	-0.3	306.2	319.2	6.5	95.8	4.1 139.	95.8
10.2	30.9	3058.6	700.0	7.1	-3.5	275.6	9.3	9.3	-0.9	310.3	321.0	3.6	39.9	4.6 139.	39.9
11.2	31.5	3302.1	675.0	5.5	-13.0	259.6	12.8	12.8	0.1	311.0	320.0	2.7	31.6	5.1 136.	31.6
12.3	41.3	3515.2	650.0	2.9	-13.2	253.3	15.1	15.1	2.0	312.3	313.5	2.0	27.7	5.8 138.	27.7
13.5	43.1	3731.2	625.0	3.4	-15.6	257.8	16.6	15.6	3.5	312.5	313.1	1.7	26.4	6.8 113.	26.4
14.8	47.0	4259.7	500.0	-2.4	-19.3	251.8	19.7	14.9	4.9	313.4	318.8	1.5	27.3	7.8 103.	27.3
15.0	49.9	4593.1	575.0	-4.9	-19.6	240.5	15.3	13.5	7.6	314.2	318.8	1.4	30.4	8.7 103.	30.4
17.3	52.9	4948.0	550.0	-7.6	-22.6	245.9	14.2	12.9	6.0	315.1	318.8	1.1	28.8	9.6 98.	28.8
14.4	53.0	5301.4	525.0	-9.6	-23.7	256.6	15.6	15.2	3.4	316.5	320.5	1.1	30.4	10.7 98.	30.4
20.2	53.1	5576.8	500.0	-11.6	-25.4	250.2	18.7	18.2	4.5	319.5	322.2	1.0	30.4	12.1 93.	30.4
21.6	62.4	5937.5	475.0	-15.1	-27.8	251.4	21.0	20.4	5.3	319.7	322.1	0.8	32.7	13.8 91.	32.7
23.2	65.7	6473.3	450.0	-18.6	-31.7	251.9	19.1	19.1	6.2	319.5	320.7	0.2	11.5	15.0 99.	11.5
24.7	72.1	6737.3	425.0	-21.6	-35.2	253.1	19.1	19.1	5.6	321.3	321.8	0.1	8.9	17.3 87.	8.9
26.1	72.7	7350.5	400.0	-25.5	-38.5	253.1	18.6	17.6	6.0	321.9	322.5	0.1	9.3	19.1 86.	9.3
27.9	75.3	7935.3	375.0	-30.1	-43.8	253.3	19.9	19.1	5.0	321.6	322.2	0.1	12.5	20.8 84.	12.5
29.5	78.1	8201.3	350.0	-34.6	-49.0	253.4	23.4	23.1	3.9	322.1	322.4	0.1	13.3	22.9 84.	13.3
31.3	81.1	8500.5	325.0	-38.8	-52.0	271.5	23.3	23.0	-0.7	323.2	323.7	0.1	32.7	25.7 84.	32.7
33.5	83.2	8800.5	300.0	-42.2	-55.9	253.3	23.3	23.2	-4.4	325.9	325.9	0.9	99.9	29.2 84.	99.9
35.9	92.7	9223.3	275.0	-47.6	-59.9	99.9	99.9	99.9	99.9	328.3	99.9	99.9	99.9	32.8 87.	99.9
38.1	97.2	10558.7	250.0	-52.5	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	99.9	99.9	225.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
61.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
67.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
 BARTLESVILLE, OKLAHOMA

 26 APRIL 1979
 214 GPT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POI T DEG K	E POT T DEG K	SK RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.0	284.0	974.6	12.2	6.9	348.0	6.2	2.1	-5.8	287.8	304.2	6.4	70.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	10.4	457.7	950.0	10.8	6.6	1.8	14.2	-0.5	-14.2	288.2	305.0	6.4	75.1	0.6	105.
1.3	12.8	719.7	925.0	6.6	6.4	3.1	14.8	-0.8	-14.8	288.1	305.1	6.4	86.0	1.2	104.
2.3	15.2	945.9	900.0	6.7	5.7	3.5	14.9	-0.9	-14.9	288.4	305.2	6.4	93.8	1.8	103.
3.0	17.6	1178.4	875.0	8.1	7.2	3.5	13.4	-0.8	-13.4	292.2	311.6	7.3	93.8	2.5	103.
3.9	20.1	1418.6	850.0	9.4	8.6	356.8	23.4	1.3	-23.4	296.8	318.2	8.3	94.7	3.2	103.
4.8	22.6	1667.9	825.0	10.5	9.9	332.6	16.2	7.4	-16.2	299.7	325.0	9.3	95.6	4.8	178.
5.8	25.2	1924.6	800.0	9.9	9.8	318.0	8.9	6.0	-8.9	301.7	326.8	9.3	96.2	5.2	178.
6.7	27.7	2186.8	775.0	8.5	7.2	333.3	8.6	3.8	-3.8	302.6	325.7	8.3	91.6	5.6	173.
7.6	30.3	2468.4	750.0	8.9	-3.2	340.1	10.4	3.5	-3.5	306.2	318.3	4.2	43.5	6.1	172.
8.5	33.0	2740.4	725.0	6.3	-6.2	309.3	19.7	8.3	-8.3	308.5	317.1	2.8	30.2	6.6	178.
9.4	35.8	3029.1	700.0	6.1	-9.3	298.1	9.6	8.6	-8.6	309.3	317.4	2.7	32.8	7.0	167.
10.4	38.6	3326.1	675.0	4.5	-12.3	287.7	10.7	10.2	-10.2	310.7	317.5	2.2	28.3	7.3	163.
11.5	41.3	3632.2	650.0	2.4	-14.1	278.8	12.6	12.6	-12.6	311.7	317.8	2.8	28.4	7.7	159.
12.5	44.1	3947.3	625.0	-0.3	-14.8	273.0	15.1	15.1	-15.1	312.1	318.2	1.9	32.4	8.1	153.
13.7	47.1	4272.0	600.0	-3.4	-14.4	272.6	17.6	17.6	-17.6	312.2	318.6	2.1	42.1	8.8	168.
15.0	50.1	4607.0	575.0	-6.2	-17.4	270.1	20.6	20.4	-20.4	312.8	319.0	1.7	40.5	9.7	139.
16.2	53.1	4954.2	550.0	-7.7	-21.4	270.3	21.4	21.4	-21.4	314.9	319.0	1.3	32.5	11.0	133.
17.5	56.3	5318.6	525.0	-10.5	-21.5	256.2	18.6	18.6	-18.6	315.2	320.0	1.3	30.9	12.0	128.
18.6	59.4	5688.2	500.0	-13.4	-21.3	252.8	19.2	18.4	-18.4	316.7	321.2	1.4	51.5	12.8	123.
19.9	62.7	6076.6	475.0	-16.1	-24.5	251.4	19.7	18.7	-18.7	318.0	321.7	1.1	48.5	13.8	119.
21.4	66.0	6482.5	450.0	-18.4	-32.6	247.3	20.6	19.2	-19.2	320.2	322.0	0.7	27.1	15.0	113.
23.0	69.4	6906.1	425.0	-22.4	-31.0	247.7	20.9	19.4	-19.4	320.3	322.6	0.7	45.5	16.5	108.
24.6	73.0	7347.7	400.0	-26.0	-30.0	253.6	22.5	21.6	-21.6	321.2	323.9	0.8	76.9	18.1	104.
26.1	76.8	7811.9	375.0	-29.5	-32.2	260.1	23.5	23.1	-23.1	323.6	325.8	0.5	72.1	22.2	99.
27.8	80.7	8308.8	350.0	-33.3	-36.6	265.4	24.0	23.0	-23.0	324.1	325.3	0.3	73.3	24.6	98.
29.4	84.7	8816.3	325.0	-38.1	-41.1	270.3	25.8	25.8	-25.8	325.0	325.9	99.9	999.9	27.2	98.
31.0	88.8	9361.9	300.0	-42.9	-49.9	277.0	25.6	25.4	-25.4	325.6	325.9	99.9	999.9	30.1	98.
32.9	93.2	9942.0	275.0	-48.0	-59.9	277.7	26.8	25.7	-25.7	325.8	325.9	99.9	999.9	33.2	98.
34.6	97.8	10561.8	250.0	-54.0	-60.4	282.4	33.6	33.1	-33.1	326.5	326.9	99.9	999.9	36.7	98.
36.7	102.8	11177.7	225.0	-60.4	-69.9	287.9	43.9	41.8	-41.8	326.5	326.9	99.9	999.9	42.2	99.
39.0	108.0	11777.7	200.0	-59.1	-59.9	287.9	43.9	41.8	-41.8	326.5	326.9	99.9	999.9	46.8	108.
41.3	113.8	12798.3	175.0	-55.7	-59.9	288.8	22.1	21.2	-21.2	351.3	351.3	99.9	999.9	49.5	108.
44.0	120.3	13751.1	150.0	-61.4	-61.4	278.9	16.4	16.4	-16.4	364.3	364.3	99.9	999.9	52.4	108.
47.0	127.0	14886.0	125.0	-62.0	-69.9	277.1	14.8	14.7	-14.7	382.7	382.7	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 * 9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * 9V TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 ** 9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 0 GAGE. OKLAHOMA													
25 APRIL 1979 11.5 GMT													
TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	POT 1 DEG K	POT 7 DEG K	RH RTO CM/KG	RH PCT
0.0	14.4	678.0	925.1	15.5	0.3	099.9	99.9	99.9	99.9	295.2	315.1	7.4	62.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	14.4	678.0	925.0	15.5	99.9	99.9	99.9	99.9	99.9	295.2	99.9	99.9	99.9
4.5	16.8	911.9	900.0	18.1	99.9	99.9	99.9	99.9	99.9	300.2	99.9	99.9	99.9
5.4	19.2	1153.2	875.0	20.3	99.9	99.9	99.9	99.9	99.9	304.8	99.9	99.9	99.9
6.3	21.6	1403.4	850.0	22.5	99.9	99.9	99.9	99.9	99.9	309.8	99.9	99.9	99.9
7.2	24.1	1682.3	825.0	24.7	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9
8.1	26.6	1928.1	800.0	26.9	99.9	99.9	99.9	99.9	99.9	319.8	99.9	99.9	99.9
9.0	29.1	2200.4	775.0	29.1	99.9	99.9	99.9	99.9	99.9	324.8	99.9	99.9	99.9
9.9	31.6	2479.4	750.0	31.6	99.9	99.9	99.9	99.9	99.9	329.8	99.9	99.9	99.9
10.8	34.2	2765.2	725.0	34.2	99.9	99.9	99.9	99.9	99.9	334.8	99.9	99.9	99.9
11.7	36.8	3056.4	700.0	36.8	99.9	99.9	99.9	99.9	99.9	339.8	99.9	99.9	99.9
12.6	39.5	3359.5	675.0	39.5	99.9	99.9	99.9	99.9	99.9	344.8	99.9	99.9	99.9
13.5	42.3	3668.7	650.0	42.3	99.9	99.9	99.9	99.9	99.9	349.8	99.9	99.9	99.9
14.4	45.1	3986.8	625.0	45.1	99.9	99.9	99.9	99.9	99.9	354.8	99.9	99.9	99.9
15.3	47.9	4314.6	600.0	47.9	99.9	99.9	99.9	99.9	99.9	359.8	99.9	99.9	99.9
16.2	50.8	4653.0	575.0	50.8	99.9	99.9	99.9	99.9	99.9	364.8	99.9	99.9	99.9
17.1	53.8	5002.5	550.0	53.8	99.9	99.9	99.9	99.9	99.9	369.8	99.9	99.9	99.9
18.0	56.9	5363.8	525.0	56.9	99.9	99.9	99.9	99.9	99.9	374.8	99.9	99.9	99.9
18.9	60.0	5738.1	500.0	60.0	99.9	99.9	99.9	99.9	99.9	379.8	99.9	99.9	99.9
19.8	63.1	6127.3	475.0	63.1	99.9	99.9	99.9	99.9	99.9	384.8	99.9	99.9	99.9
20.7	66.5	6532.8	450.0	66.5	99.9	99.9	99.9	99.9	99.9	389.8	99.9	99.9	99.9
21.6	69.9	6956.0	425.0	69.9	99.9	99.9	99.9	99.9	99.9	394.8	99.9	99.9	99.9
22.5	73.4	7398.7	400.0	73.4	99.9	99.9	99.9	99.9	99.9	399.8	99.9	99.9	99.9
23.4	77.1	7862.3	375.0	77.1	99.9	99.9	99.9	99.9	99.9	404.8	99.9	99.9	99.9
24.3	80.9	8356.4	350.0	80.9	99.9	99.9	99.9	99.9	99.9	409.8	99.9	99.9	99.9
25.2	84.7	8867.0	325.0	84.7	99.9	99.9	99.9	99.9	99.9	414.8	99.9	99.9	99.9
26.1	88.8	9413.2	300.0	88.8	99.9	99.9	99.9	99.9	99.9	419.8	99.9	99.9	99.9
27.0	93.2	9993.7	275.0	93.2	99.9	99.9	99.9	99.9	99.9	424.8	99.9	99.9	99.9
27.9	97.8	10612.8	250.0	97.8	99.9	99.9	99.9	99.9	99.9	429.8	99.9	99.9	99.9
28.8	102.6	11288.2	225.0	102.6	99.9	99.9	99.9	99.9	99.9	434.8	99.9	99.9	99.9
29.7	107.0	12003.5	200.0	107.0	99.9	99.9	99.9	99.9	99.9	439.8	99.9	99.9	99.9
30.6	111.8	12620.7	175.0	111.8	99.9	99.9	99.9	99.9	99.9	444.8	99.9	99.9	99.9
31.5	116.0	13167.5	150.0	116.0	99.9	99.9	99.9	99.9	99.9	449.8	99.9	99.9	99.9
32.4	120.0	14000.6	125.0	120.0	99.9	99.9	99.9	99.9	99.9	454.8	99.9	99.9	99.9
33.3	124.0	14900.6	100.0	124.0	99.9	99.9	99.9	99.9	99.9	459.8	99.9	99.9	99.9
34.2	128.0	15800.6	75.0	128.0	99.9	99.9	99.9	99.9	99.9	464.8	99.9	99.9	99.9
35.1	132.0	16700.6	50.0	132.0	99.9	99.9	99.9	99.9	99.9	469.8	99.9	99.9	99.9
36.0	136.0	17600.6	25.0	136.0	99.9	99.9	99.9	99.9	99.9	474.8	99.9	99.9	99.9
36.9	140.0	18500.6	0.0	140.0	99.9	99.9	99.9	99.9	99.9	479.8	99.9	99.9	99.9
37.8	144.0	19400.6	-25.0	144.0	99.9	99.9	99.9	99.9	99.9	484.8	99.9	99.9	99.9
38.7	148.0	20300.6	-50.0	148.0	99.9	99.9	99.9	99.9	99.9	489.8	99.9	99.9	99.9
39.6	152.0	21200.6	-75.0	152.0	99.9	99.9	99.9	99.9	99.9	494.8	99.9	99.9	99.9
40.5	156.0	22100.6	-100.0	156.0	99.9	99.9	99.9	99.9	99.9	499.8	99.9	99.9	99.9
41.4	160.0	23000.6	-125.0	160.0	99.9	99.9	99.9	99.9	99.9	504.8	99.9	99.9	99.9
42.3	164.0	23900.6	-150.0	164.0	99.9	99.9	99.9	99.9	99.9	509.8	99.9	99.9	99.9
43.2	168.0	24800.6	-175.0	168.0	99.9	99.9	99.9	99.9	99.9	514.8	99.9	99.9	99.9
44.1	172.0	25700.6	-200.0	172.0	99.9	99.9	99.9	99.9	99.9	519.8	99.9	99.9	99.9
45.0	176.0	26600.6	-225.0	176.0	99.9	99.9	99.9	99.9	99.9	524.8	99.9	99.9	99.9
45.9	180.0	27500.6	-250.0	180.0	99.9	99.9	99.9	99.9	99.9	529.8	99.9	99.9	99.9
46.8	184.0	28400.6	-275.0	184.0	99.9	99.9	99.9	99.9	99.9	534.8	99.9	99.9	99.9
47.7	188.0	29300.6	-300.0	188.0	99.9	99.9	99.9	99.9	99.9	539.8	99.9	99.9	99.9
48.6	192.0	30200.6	-325.0	192.0	99.9	99.9	99.9	99.9	99.9	544.8	99.9	99.9	99.9
49.5	196.0	31100.6	-350.0	196.0	99.9	99.9	99.9	99.9	99.9	549.8	99.9	99.9	99.9
50.4	200.0	32000.6	-375.0	200.0	99.9	99.9	99.9	99.9	99.9	554.8	99.9	99.9	99.9
51.3	204.0	32900.6	-400.0	204.0	99.9	99.9	99.9	99.9	99.9	559.8	99.9	99.9	99.9
52.2	208.0	33800.6	-425.0	208.0	99.9	99.9	99.9	99.9	99.9	564.8	99.9	99.9	99.9
53.1	212.0	34700.6	-450.0	212.0	99.9	99.9	99.9	99.9	99.9	569.8	99.9	99.9	99.9
54.0	216.0	35600.6	-475.0	216.0	99.9	99.9	99.9	99.9	99.9	574.8	99.9	99.9	99.9
54.9	220.0	36500.6	-500.0	220.0	99.9	99.9	99.9	99.9	99.9	579.8	99.9	99.9	99.9
55.8	224.0	37400.6	-525.0	224.0	99.9	99.9	99.9	99.9	99.9	584.8	99.9	99.9	99.9
56.7	228.0	38300.6	-550.0	228.0	99.9	99.9	99.9	99.9	99.9	589.8	99.9	99.9	99.9
57.6	232.0	39200.6	-575.0	232.0	99.9	99.9	99.9	99.9	99.9	594.8	99.9	99.9	99.9
58.5	236.0	40100.6	-600.0	236.0	99.9	99.9	99.9	99.9	99.9	599.8	99.9	99.9	99.9
59.4	240.0	41000.6	-625.0	240.0	99.9	99.9	99.9	99.9	99.9	604.8	99.9	99.9	99.9
60.3	244.0	41900.6	-650.0	244.0	99.9	99.9	99.9	99.9	99.9	609.8	99.9	99.9	99.9
61.2	248.0	42800.6	-675.0	248.0	99.9	99.9	99.9	99.9	99.9	614.8	99.9	99.9	99.9
62.1	252.0	43700.6	-700.0	252.0	99.9	99.9	99.9	99.9	99.9	619.8	99.9	99.9	99.9
63.0	256.0	44600.6	-725.0	256.0	99.9	99.9	99.9	99.9	99.9	624.8	99.9	99.9	99.9
63.9	260.0	45500.6	-750.0	260.0	99.9	99.9	99.9	99.9	99.9	629.8	99.9	99.9	99.9
64.8	264.0	46400.6	-775.0	264.0	99.9	99.9	99.9	99.9	99.9	634.8	99.9	99.9	99.9
65.7	268.0	47300.6	-800.0	268.0	99.9	99.9	99.9	99.9	99.9	639.8	99.9	99.9	99.9
66.6	272.0	48200.6	-825.0	272.0	99.9	99.9	99.9	99.9	99.9	644.8	99.9	99.9	99.9
67.5	276.0	49100.6	-850.0	276.0	99.9	99.9	99.9	99.9	99.9	649.8	99.9	99.9	99.9
68.4	280.0	50000.6	-875.0	280.0	99.9	99.9	99.9	99.9	99.9	654.8	99.9	99.9	99.9
69.3	284.0	50900.6	-900.0	284.0	99.9	99.9	99.9	99.9	99.9	659.8	99.9	99.9	99.9
70.2	288.0	51800.6	-925.0	288.0	99.9	99.9	99.9	99.9	99.9	664.8	99.9	99.9	99.9
71.1	292.0	52700.6	-950.0	292.0	99.9	99.9	99.9	99.9	99.9	669.8	99.9	99.9	99.9
72.0	296.0	53600.6	-975.0	296.0	99.9	99.9	99.9	99.9	99.9	674.8	99.9	99.9	99.9
72.9	300.0	54500.6	-1000.0	300.0	99.9	99.9	99.9	99.9	99.9	679.8	99.9	99.9	99.9
73.8	304.0	55400.6	-1025.0	304.0	99.9	99.9	99.9	99.9	99.9	684.8	99.9	99.9	99.9
74.7	308.0	56300.6	-1050.0	308.0	99.9	99.9	99.9	99.9	99.9	689.8	99.9	99.9	99.9
75.6	312.0	57200.6	-1075.0	312.0	99.9	99.9	99.9	99.9	99.9	694.8	99.9	99.9	99.9
76.5	316.0	58100.6	-1100.0	316.0	99.9	99.9	99.9	99.9	99.9	699.8	99.9	99.9	99.9
77.4	320.0	59000.6	-1125.0										

STATION NO. 9
CAGE, OKLAHOMA

26 APRIL 1979
1507 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT F DEG K	MR RTO CM/KG	RM PCF	RANGE KN	AZ DEG
0.0	12.6	678.0	931.2	15.2	10.6	599.9	99.9	99.9	99.9	294.3	317.3	8.7	74.0	999.9	999.9
0.9	99.9	58.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.8	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
2.7	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.6	13.2	734.5	925.0	14.34	99.9	599.9	99.9	99.9	99.9	294.1	999.9	99.9	999.9	999.9	999.9
4.5	15.4	964.9	900.0	13.29	99.9	599.9	99.9	99.9	99.9	295.1	999.9	99.9	999.9	999.9	999.9
5.4	17.7	1200.6	875.0	11.89	99.9	599.9	99.9	99.9	99.9	296.1	999.9	99.9	999.9	999.9	999.9
6.3	19.9	1441.9	850.0	10.59	99.9	599.9	99.9	99.9	99.9	297.1	999.9	99.9	999.9	999.9	999.9
7.2	22.2	1690.8	825.0	10.8	10.1	599.9	99.9	99.9	99.9	300.6	325.5	9.5	95.5	999.9	999.9
8.1	24.5	1948.2	800.0	10.9	7.7	599.9	99.9	99.9	99.9	302.7	325.7	8.4	81.5	999.9	999.9
9.0	26.9	2214.8	775.0	14.0	-3.7	599.9	99.9	99.9	99.9	308.8	320.0	3.8	29.5	999.9	999.9
9.9	29.3	2498.9	750.0	14.0	-14.0	599.9	99.9	99.9	99.9	311.8	317.2	1.7	13.0	999.9	999.9
10.8	31.7	2775.5	725.0	12.3	-11.5	599.9	99.9	99.9	99.9	313.8	319.7	2.2	17.7	999.9	999.9
11.7	34.2	3068.2	700.0	10.2	-14.2	599.9	99.9	99.9	99.9	313.8	319.5	1.8	16.4	999.9	999.9
12.6	36.7	3365.2	675.0	8.3	-16.7	599.9	99.9	99.9	99.9	315.0	319.9	1.5	15.1	999.9	999.9
13.5	39.2	3679.8	650.0	5.5	-20.6	599.9	99.9	99.9	99.9	318.2	318.9	1.1	13.1	999.9	999.9
14.4	41.9	3957.6	625.0	2.8	-21.7	599.9	99.9	99.9	99.9	319.7	319.2	1.1	14.4	999.9	999.9
15.3	44.6	4226.3	600.0	0.2	-23.7	599.9	99.9	99.9	99.9	316.3	319.4	0.9	14.5	999.9	999.9
16.2	47.2	4466.1	575.0	-1.8	-26.0	599.9	99.9	99.9	99.9	318.0	320.6	0.6	13.5	999.9	999.9
17.1	50.0	4717.8	550.0	-4.1	-28.5	599.9	99.9	99.9	99.9	319.8	321.5	0.7	12.9	999.9	999.9
18.0	52.9	4983.0	525.0	-6.9	-30.8	599.9	99.9	99.9	99.9	320.1	322.0	0.6	13.0	999.9	999.9
18.9	55.8	5261.1	500.0	-10.4	-29.4	599.9	99.9	99.9	99.9	320.4	322.7	0.7	13.3	999.9	999.9
19.8	58.3	5533.5	475.0	-13.3	-30.1	599.9	99.9	99.9	99.9	321.5	323.6	0.7	22.7	999.9	999.9
20.7	61.9	5862.4	450.0	-16.8	-30.9	599.9	99.9	99.9	99.9	322.3	323.1	0.3	11.4	999.9	999.9
21.6	65.0	6188.4	425.0	-20.6	-42.2	599.9	99.9	99.9	99.9	323.6	323.4	0.2	12.3	999.9	999.9
22.5	68.3	6534.2	400.0	-24.1	-48.6	599.9	99.9	99.9	99.9	324.6	324.1	0.1	8.3	999.9	999.9
23.4	71.6	6900.9	375.0	-28.4	-51.5	599.9	99.9	99.9	99.9	324.6	324.3	0.1	8.7	999.9	999.9
24.3	75.1	7291.3	350.0	-32.8	-53.5	599.9	99.9	99.9	99.9	324.6	325.1	0.1	10.3	999.9	999.9
25.2	78.7	7698.3	325.0	-37.6	-56.4	599.9	99.9	99.9	99.9	325.7	325.1	0.1	11.9	999.9	999.9
26.1	82.5	8108.7	300.0	-42.3	-59.9	599.9	99.9	99.9	99.9	325.7	325.1	0.1	99.9	999.9	999.9
27.0	86.5	8537.1	275.0	-46.8	99.9	599.9	99.9	99.9	99.9	327.4	325.1	99.9	99.9	999.9	999.9
27.9	90.9	8981.7	250.0	-52.8	99.9	599.9	99.9	99.9	99.9	327.7	325.1	99.9	99.9	999.9	999.9
28.8	95.2	9436.7	225.0	-56.4	99.9	599.9	99.9	99.9	99.9	328.1	325.1	99.9	99.9	999.9	999.9
29.7	100.0	9900.9	200.0	-57.8	59.9	599.9	99.9	99.9	99.9	341.2	325.1	99.9	99.9	999.9	999.9
30.6	105.2	10312.3	175.0	-62.9	99.9	599.9	99.9	99.9	99.9	346.1	325.1	99.9	99.9	999.9	999.9
31.5	110.8	10861.8	150.0	-61.5	99.9	599.9	99.9	99.9	99.9	364.1	325.1	99.9	99.9	999.9	999.9
32.4	117.0	11403.0	125.0	-59.6	99.9	599.9	99.9	99.9	99.9	387.1	325.1	99.9	99.9	999.9	999.9
33.3	124.3	12004.1	100.0	-52.4	99.9	599.9	99.9	99.9	99.9	415.4	325.1	99.9	99.9	999.9	999.9
34.2	99.9	99.9	75.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	325.1	99.9	99.9	999.9	999.9
35.1	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	325.1	99.9	99.9	999.9	999.9
36.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	325.1	99.9	99.9	999.9	999.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CASE: OKLAHOMA
25 APRIL 1979
1710 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MM	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG K	E POT 'T DEG K	MX RTG CM/KG	RW PCT	RANGE KM	AZ DEG
0.0	12.7	678.0	934.0	13.1	7.1	99.9	99.9	99.9	99.9	291.5	319.8	6.8	67.8	999.9	999.9
92.9	99.9	98.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
92.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
92.9	99.9	95.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	13.6	759.6	925.0	12.9	7.5	99.9	99.9	99.9	99.9	292.8	311.2	7.1	69.8	999.9	999.9
1.2	16.0	965.3	900.0	10.6	7.3	99.9	99.9	99.9	99.9	292.8	311.4	7.1	70.7	999.9	999.9
2.0	19.5	1223.7	875.0	8.9	7.4	99.9	99.9	99.9	99.9	292.8	312.3	7.4	92.5	999.9	999.9
2.9	21.0	1462.7	850.0	6.3	5.8	99.9	99.9	99.9	99.9	292.8	312.9	6.8	96.3	999.9	999.9
3.7	23.5	1718.1	825.0	9.5	9.0	99.9	99.9	99.9	99.9	298.7	322.4	9.8	96.8	999.9	999.9
4.7	26.1	1966.1	800.0	9.2	8.3	99.9	99.9	99.9	99.9	300.8	324.5	8.6	94.4	999.9	999.9
5.7	29.7	2230.3	775.0	11.4	-6.8	99.9	99.9	99.9	99.9	306.1	315.1	3.1	29.1	999.9	999.9
7.0	31.3	2502.2	750.0	12.9	-24.4	99.9	99.9	99.9	99.9	310.2	312.9	0.7	5.7	999.9	999.9
8.2	34.0	2786.3	725.0	10.8	-24.4	99.9	99.9	99.9	99.9	311.2	313.7	0.7	6.5	999.9	999.9
9.5	36.7	3075.3	700.0	8.7	-24.4	99.9	99.9	99.9	99.9	312.1	314.6	0.6	7.5	999.9	999.9
10.9	39.4	3378.5	675.0	6.4	-24.9	99.9	99.9	99.9	99.9	312.9	315.3	0.7	8.4	999.9	999.9
12.3	42.3	3686.0	650.0	3.8	-24.3	99.9	99.9	99.9	99.9	313.2	316.9	0.8	10.6	999.9	999.9
13.4	45.1	4002.9	625.0	1.5	-25.9	99.9	99.9	99.9	99.9	314.1	316.6	0.7	10.8	999.9	999.9
14.7	48.0	4329.8	600.0	-0.8	-27.5	99.9	99.9	99.9	99.9	315.2	317.4	0.7	11.1	999.9	999.9
16.0	51.0	4667.8	575.0	-3.3	-29.2	99.9	99.9	99.9	99.9	316.1	318.1	0.6	11.3	999.9	999.9
17.7	54.1	5017.3	550.0	-6.1	-29.0	99.9	99.9	99.9	99.9	316.4	319.9	0.6	14.2	999.9	999.9
19.2	57.2	5376.8	525.0	-8.3	-30.1	99.9	99.9	99.9	99.9	318.4	320.5	0.6	15.3	999.9	999.9
20.6	60.4	5756.4	500.0	-11.4	-28.9	99.9	99.9	99.9	99.9	319.2	321.5	0.7	21.7	999.9	999.9
22.4	63.6	6147.8	475.0	-14.1	-33.4	99.9	99.9	99.9	99.9	320.8	322.2	0.5	17.7	999.9	999.9
24.1	67.0	6559.1	450.0	-17.7	-37.9	99.9	99.9	99.9	99.9	321.8	322.1	0.3	12.1	999.9	999.9
25.9	70.4	6979.8	425.0	-21.4	-43.1	99.9	99.9	99.9	99.9	321.8	322.2	0.2	12.1	999.9	999.9
28.0	74.0	7423.7	400.0	-24.7	-61.1	99.9	99.9	99.9	99.9	322.8	323.6	0.0	1.9	999.9	999.9
30.0	77.7	7889.7	375.0	-28.6	-62.3	99.9	99.9	99.9	99.9	323.6	323.6	0.0	2.3	999.9	999.9
32.1	81.5	8379.3	350.0	-33.2	-60.8	99.9	99.9	99.9	99.9	324.6	324.1	0.0	4.4	999.9	999.9
34.3	85.5	8894.7	325.0	-38.0	-59.9	99.9	99.9	99.9	99.9	324.6	324.1	0.0	7.9	999.9	999.9
36.5	89.7	9440.9	300.0	-42.4	-49.4	99.9	99.9	99.9	99.9	325.7	325.7	99.9	999.9	999.9	999.9
38.9	94.0	10022.8	275.0	-47.1	99.9	99.9	99.9	99.9	99.9	327.1	327.1	99.9	999.9	999.9	999.9
41.6	99.6	10646.7	250.0	-	99.9	99.9	99.9	99.9	99.9	328.2	328.2	99.9	999.9	999.9	999.9
44.2	103.6	11318.7	225.0	-	99.9	99.9	99.9	99.9	99.9	329.8	329.8	99.9	999.9	999.9	999.9
47.3	109.8	12058.2	200.0	-	99.9	99.9	99.9	99.9	99.9	341.8	341.8	99.9	999.9	999.9	999.9
50.7	114.6	12893.2	175.0	-61.5	99.9	99.9	99.9	99.9	99.9	348.3	348.3	99.9	999.9	999.9	999.9
54.1	120.8	13837.7	150.0	-84.6	99.9	99.9	99.9	99.9	99.9	358.8	358.8	99.9	999.9	999.9	999.9
58.7	127.8	14971.6	125.0	-59.8	99.9	99.9	99.9	99.9	99.9	366.8	366.8	99.9	999.9	999.9	999.9
64.4	139.7	16369.4	100.0	-61.0	99.9	99.9	99.9	99.9	99.9	409.5	409.5	99.9	999.9	999.9	999.9
99.9	99.9	98.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
SAGE, OKLAHOMA
25 APRIL 1979
2045 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP OG C	DEW PT OG C	DIR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y OG K	E POT Y OG K	MX RTD CM/KG	RM PCT	RANGE KM	AZ OG
0.0	13.6	678.0	934.3	16.5	4.5	350.0	10.8	1.9	-10.6	295.3	310.8	5.7	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.5	762.8	925.0	14.78	99.9	999.9	99.9	99.9	99.9	294.4	999.9	99.9	99.9	99.9	99.9
1.3	17.0	993.4	900.0	12.2	5.1	999.9	99.9	99.9	99.9	294.1	310.7	6.2	61.9	99.9	99.9
2.5	19.4	1239.0	875.0	10.3	5.0	999.9	99.9	99.9	99.9	294.5	311.4	6.3	69.5	99.9	99.9
3.7	21.9	1465.7	850.0	8.2	5.9	13.9	15.8	-3.8	-15.3	294.2	313.2	6.9	85.1	3.9	191.
4.8	24.4	1717.3	825.0	6.9	6.6	13.9	14.6	-3.5	-14.2	298.8	321.1	8.6	98.5	4.9	191.
5.8	27.0	1972.7	800.0	6.5	7.8	2.4	14.9	-0.6	-14.9	300.2	323.0	8.4	95.4	5.8	192.
6.8	29.7	2236.8	775.0	16.3	0.3	339.5	14.5	5.1	-13.5	304.5	319.4	5.1	99.9	6.5	189.
7.7	32.2	2388.7	750.0	10.3	-4.8	327.8	13.0	6.9	-17.0	307.2	318.3	3.6	34.0	7.2	189.
8.9	35.0	2790.8	725.0	9.0	-7.7	310.7	10.9	8.3	-7.1	309.4	318.3	3.0	29.8	7.8	181.
10.0	37.7	3080.4	700.0	7.0	-9.5	287.9	9.7	9.2	-3.0	310.2	318.4	2.7	29.7	8.3	172.
11.1	40.4	3377.9	675.0	4.7	-10.8	270.2	10.3	10.3	-0.0	310.5	318.5	2.5	31.3	8.3	172.
12.3	43.3	3684.1	650.0	2.3	-12.2	258.7	12.9	12.6	2.5	311.5	318.7	2.3	33.4	8.3	167.
13.4	46.1	3999.6	625.0	-0.1	-14.2	256.3	14.0	14.3	3.5	312.4	318.7	2.0	33.5	9.4	160.
14.6	49.1	4324.9	600.0	-2.4	-15.9	259.1	14.5	14.2	2.7	313.3	319.1	1.8	34.4	8.6	153.
15.9	52.1	4661.8	575.0	-4.0	-19.5	269.6	14.1	14.1	0.1	315.2	319.0	1.4	28.6	9.0	147.
17.0	55.1	5010.7	550.0	-6.8	-20.8	261.9	13.3	13.2	1.9	316.8	320.3	1.3	31.8	9.5	142.
18.3	58.3	5372.5	525.0	-9.0	-22.6	260.2	14.4	14.2	2.5	317.6	321.5	1.2	32.2	10.1	137.
19.6	61.5	5748.2	500.0	-12.0	-25.0	261.7	16.4	16.2	2.4	318.6	321.8	1.0	32.8	10.8	131.
21.0	64.8	6138.8	475.0	-14.8	-28.0	257.8	18.5	18.0	4.0	319.7	322.4	0.8	31.1	11.7	126.
22.3	68.0	6545.7	450.0	-17.5	-33.6	254.3	20.3	19.6	5.5	321.2	322.9	0.5	22.9	12.8	120.
23.8	71.6	6970.9	425.0	-21.1	-38.7	261.1	21.7	21.4	3.4	321.5	323.1	0.3	18.8	14.2	115.
25.4	75.1	7419.1	400.0	-24.9	-42.2	260.7	24.0	23.7	3.9	322.7	323.5	0.2	17.9	16.1	111.
27.1	78.8	7881.3	375.0	-28.6	-45.9	260.6	25.4	25.0	4.1	323.7	324.3	0.2	17.0	18.3	107.
28.8	82.7	8371.1	350.0	-33.1	-47.1	265.5	25.3	25.2	2.0	324.2	324.8	0.2	22.7	20.6	104.
30.5	86.7	8897.0	325.0	-37.5	-48.7	270.5	27.4	27.4	-0.2	325.0	325.8	0.2	46.8	23.2	102.
32.1	90.8	9434.1	300.0	-42.0	-59.9	280.2	31.8	31.3	-5.7	326.2	326.9	99.9	99.9	26.1	101.
33.9	95.3	10017.1	275.0	-46.9	-69.9	286.7	33.3	31.9	-9.6	327.3	327.8	99.9	99.9	29.7	102.
35.8	100.0	10640.7	250.0	-52.8	-69.9	284.8	28.9	27.9	-7.4	327.8	327.8	99.9	99.9	33.3	102.
38.1	105.0	11310.4	225.0	-59.4	-69.9	297.3	30.2	28.2	-9.0	327.8	327.8	99.9	99.9	37.0	102.
40.6	110.3	12043.2	200.0	-61.5	-69.9	292.7	38.7	36.6	-15.3	335.4	335.4	99.9	99.9	42.2	104.
43.6	116.0	12872.4	175.0	-63.1	-69.9	297.9	42.2	37.3	-19.7	345.5	345.5	99.9	99.9	50.2	105.
47.2	122.3	13928.3	150.0	-61.4	-69.9	293.4	24.7	22.7	-9.8	364.3	364.3	99.9	99.9	57.1	107.
51.3	129.3	14983.0	125.0	-60.0	-69.9	293.8	22.4	20.5	-9.0	386.4	386.4	99.9	99.9	62.4	107.
56.3	137.3	16357.2	100.0	-61.5	-69.9	599.9	99.9	99.9	99.9	408.5	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CAGE, OLLANGOMA
25 APRIL 1979
2320 GMT

TIME MIN	CHTCY	HEIGHT G. 3	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	POT T DEG K	S POT T DEG K	MR STD CM/KG	RM PCP	RANGE AZ KM
0.0	10.0	678.0	636.7	10.0	3.0	20.0	9.3	-3.2	290.0	209.1	0.3	0.0	0.0
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.7	706.5	925.0	15.6	99.9	20.5	9.0	-0.1	295.3	299.9	99.9	99.9	99.9
1.2	13.9	908.2	900.0	13.3	4.0	22.3	11.7	-4.5	295.2	311.1	5.0	54.0	0.0 200.
2.1	16.2	1236.2	875.0	10.0	3.2	21.5	14.3	-5.2	295.0	310.0	5.0	50.2	1.2 203.
3.0	19.5	1475.4	850.0	0.0	2.4	21.7	15.7	-5.0	295.4	310.1	5.0	50.2	1.0 203.
3.0	20.8	1725.2	825.0	0.3	1.4	18.0	15.6	-4.0	297.2	311.0	5.0	50.2	3.0 203.
4.0	23.1	1976.4	800.0	7.4	6.3	6.7	13.0	-1.0	299.0	319.0	7.0	93.4	4.0 201.
5.0	25.3	2238.5	775.0	7.5	-1.0	3.0	13.7	-0.7	301.0	314.2	4.4	51.0	5.2 190.
6.7	27.6	2508.0	750.0	4.0	-3.0	346.4	12.3	2.0	303.0	315.0	4.1	45.0	5.0 190.
7.7	30.3	2766.9	725.0	7.2	-0.1	312.0	11.5	8.0	307.0	317.3	3.3	37.0	5.0 191.
9.7	32.7	3076.9	700.0	5.4	-0.0	286.2	11.2	10.7	308.5	317.5	3.0	37.3	6.0 180.
9.0	35.2	3371.1	675.0	3.3	-0.4	280.7	12.6	12.3	309.3	317.7	2.0	30.7	6.7 179.
10.9	37.6	3676.2	650.0	1.7	-11.7	281.4	14.0	13.7	310.0	318.3	2.0	30.0	7.0 172.
12.1	43.4	3991.5	625.0	-0.5	-12.9	269.0	15.7	15.7	311.5	318.9	2.3	30.4	7.3 164.
13.2	43.0	4316.3	600.0	-2.9	-13.7	263.2	17.7	17.0	312.2	319.7	2.2	43.1	7.0 150.
14.4	45.8	4658.4	575.0	-4.9	-14.4	264.9	17.3	17.2	314.3	320.1	1.0	40.0	0.0 147.
15.6	48.6	5009.0	550.0	-8.1	-17.4	273.3	17.0	17.0	314.4	320.0	1.0	47.2	0.7 140.
16.8	51.4	5359.8	525.0	-13.4	-19.1	274.2	17.9	17.9	315.2	320.4	1.0	50.9	0.7 139.
18.2	54.3	5738.0	500.0	-13.4	-21.0	264.0	17.0	17.5	316.7	321.0	1.3	49.1	10.0 120.
19.6	57.3	6121.1	475.0	-16.1	-25.5	258.5	19.2	18.8	318.1	321.4	1.0	43.0	11.0 120.
20.9	60.3	6527.0	450.0	-18.2	-29.5	268.5	20.1	20.1	320.4	322.9	0.7	30.2	13.0 119.
22.4	63.4	6951.1	425.0	-21.7	-20.9	270.2	22.1	22.0	321.2	324.0	1.0	62.5	14.0 110.
24.0	66.6	7395.4	400.0	-24.9	-20.1	276.5	25.0	24.8	322.0	325.0	0.9	74.0	17.0 110.
25.7	70.0	7861.3	375.0	-28.1	-31.2	277.0	27.1	26.9	324.7	326.0	0.7	70.0	19.0 111.
27.6	73.4	8328.2	350.0	-32.7	-35.7	299.0	29.0	29.0	324.7	326.5	0.5	74.0	22.0 110.
29.4	77.0	8869.9	325.0	-36.4	-39.7	999.9	99.9	99.9	326.5	327.9	0.6	71.1	999.9 999.
31.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
34.0	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
36.0	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
38.0	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
40.0	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
42.0	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
44.0	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
46.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
48.0	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
50.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
52.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
54.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 0
GAGE, OKLAHOMA
26 APRIL 1979
216 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT CG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	11.2	678.0	937.5	12.5	4.0	20.0	5.1	-1.7	-4.0	291.0	305.4	5.4	56.0	0.0	0.
99.9	99.9	1000.0	1000.0	15.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	12.4	790.9	925.0	12.7	4.5	16.3	11.0	-3.3	-11.3	292.3	307.7	5.7	57.1	0.0	190.
1.2	14.7	1020.4	900.0	11.0	3.9	15.2	13.7	-3.6	-13.2	292.8	308.0	5.6	61.6	1.3	197.
2.0	17.1	1254.6	875.0	9.0	3.0	15.0	15.6	-5.2	-15.0	293.1	307.8	5.4	66.2	2.0	197.
2.9	19.6	1494.4	850.0	8.1	-0.6	17.7	17.1	-5.2	-16.3	294.7	306.6	4.3	54.2	2.9	198.
3.9	22.0	1741.2	825.0	6.7	-2.5	9.1	16.0	-2.5	-15.0	297.2	308.0	3.9	45.2	4.0	197.
4.9	24.5	1995.6	800.0	7.6	-5.7	6.0	15.8	-1.7	-15.7	299.2	308.2	3.1	38.3	4.8	195.
5.9	27.0	2256.3	775.0	6.5	-11.4	12.7	17.1	-3.6	-16.7	300.2	306.8	2.0	25.9	5.8	194.
6.8	29.5	2524.5	750.0	4.0	-10.3	11.5	13.0	-2.6	-12.7	301.2	308.7	2.4	32.0	6.7	194.
7.9	32.1	2800.6	725.0	4.0	-6.6	339.0	10.2	3.7	-9.5	303.2	313.2	3.2	46.1	7.4	193.
9.0	34.8	3086.2	700.0	4.0	-7.3	302.7	9.9	8.4	-5.4	306.4	316.3	3.2	43.5	7.8	189.
10.1	37.4	3581.1	675.0	2.5	-8.9	278.8	11.6	11.6	-1.0	308.4	317.1	2.9	42.8	7.9	184.
11.2	40.2	3825.2	650.0	0.5	-10.8	269.1	14.7	14.7	0.2	309.2	317.3	2.6	42.4	7.9	178.
12.4	43.0	3998.7	625.0	-1.9	-10.5	270.6	16.4	16.4	-0.2	310.2	318.6	2.0	51.7	8.0	169.
13.5	45.9	4321.7	600.0	-4.7	-10.6	272.5	16.8	16.7	-0.7	310.6	319.3	2.9	63.7	8.3	162.
14.7	48.8	4655.1	575.0	-7.5	-11.6	278.7	17.7	17.6	-1.5	311.2	319.5	2.7	72.5	8.8	154.
15.9	51.8	5000.5	550.0	-8.7	-13.4	269.9	19.6	19.6	0.4	313.2	321.5	2.5	68.6	9.5	148.
17.3	54.0	5355.6	525.0	-11.3	-15.1	263.1	22.0	21.9	2.7	314.6	321.0	2.2	73.4	10.4	139.
18.6	57.9	5732.1	500.0	-14.2	-16.0	263.2	22.9	22.7	2.7	315.8	322.7	2.2	85.8	11.5	132.
20.1	61.1	6120.1	475.0	-16.4	-20.6	263.7	21.9	21.7	2.4	317.7	322.7	1.6	69.9	13.0	125.
21.3	64.4	6524.0	450.0	-19.8	-21.3	267.5	22.1	22.1	1.0	318.4	323.4	1.6	88.3	14.2	121.
22.8	67.8	6946.3	425.0	-22.9	-23.0	277.9	23.9	23.6	-3.3	319.7	324.3	1.4	99.4	16.0	117.
24.4	71.3	7388.6	400.0	-25.9	-28.6	288.7	28.2	26.7	-9.1	321.3	324.3	0.9	78.1	18.5	116.
25.2	75.0	7851.8	375.0	-30.2	-32.7	290.7	30.0	28.1	-10.6	321.2	323.8	0.6	78.4	21.6	115.
27.8	78.7	8339.2	350.0	-34.1	-39.5	292.3	34.0	31.4	-12.9	322.2	324.1	0.3	57.8	24.6	114.
27.5	82.7	8954.3	325.0	-37.6	-44.4	292.6	38.5	35.5	-14.8	324.2	325.7	0.2	48.5	28.4	114.
31.7	86.8	9401.2	300.0	-42.1	-59.9	293.9	43.7	39.9	-17.7	326.1	326.9	99.9	999.9	33.6	114.
33.9	91.2	9844.5	275.0	-46.7	-99.9	292.1	47.4	43.9	-17.9	327.7	327.7	99.9	999.9	39.8	114.
36.1	95.7	10688.7	250.0	-52.4	-99.9	290.2	42.5	39.9	-14.7	328.1	327.7	99.9	999.9	46.0	114.
39.7	100.6	11282.0	225.0	-55.9	-99.9	288.1	45.9	43.6	-14.2	332.5	327.7	99.9	999.9	52.5	113.
41.2	105.8	12022.4	200.0	-60.7	-99.9	284.6	47.5	45.9	-12.2	336.4	327.7	99.9	999.9	59.3	112.
43.5	111.5	12852.4	175.0	-61.1	-99.9	290.1	44.5	38.9	-21.6	349.2	327.7	99.9	999.9	66.1	112.
46.5	117.8	13807.3	150.0	-61.0	-99.9	294.2	26.7	24.4	-10.9	365.6	327.7	99.9	999.9	72.0	113.
50.5	124.7	14945.1	125.0	-60.4	-99.9	295.6	25.9	23.3	-11.2	385.6	327.7	99.9	999.9	78.0	113.
55.2	132.3	16344.8	100.0	-56.0	-99.9	299.9	99.9	99.9	99.9	415.8	327.7	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, OKLAHOMA

26 APRIL 1979
005 GMT

TIME MIN	CHTCT	HEIGHT CFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT E DEG M	E POT T DEG K	WIND CH/KG	RM PCT	RANGE KM	AZ DEG
0.0	12.6	678.0	939.0	10.5	5.3	330.0	2.1	1.1	-1.8	280.8	304.5	6.0	70.0	128	97.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.0	803.6	925.0	10.9	4.3	999.9	99.9	99.9	99.9	290.8	305.6	8.0	63.4	99.9	99.9
1.3	16.5	1031.8	900.0	5.6	2.0	999.9	99.9	99.9	99.9	291.4	304.7	4.0	59.2	99.9	99.9
2.3	19.0	1265.7	875.0	10.0	-4.3	999.9	99.9	99.9	99.9	293.2	303.1	3.2	36.1	99.9	99.9
3.2	21.4	1509.9	850.0	6.3	-5.4	999.9	99.9	99.9	99.9	294.8	303.4	3.0	37.9	99.9	99.9
4.2	24.0	1752.3	825.0	6.2	-6.4	999.9	99.9	99.9	99.9	297.3	305.5	2.9	34.8	99.9	99.9
5.2	26.6	2005.9	800.0	7.2	-7.8	999.9	99.9	99.9	99.9	298.6	306.5	2.7	33.7	99.9	99.9
6.1	29.2	2268.7	775.0	3.8	-0.5	999.9	99.9	99.9	99.9	299.8	311.3	4.8	73.2	99.9	99.9
7.0	31.8	2531.0	750.0	3.86	59.9	999.9	99.9	99.9	99.9	299.7	309.9	99.9	99.9	99.9	99.9
8.0	34.6	2803.1	725.0	1.20	99.9	999.9	99.9	99.9	99.9	300.6	309.9	99.9	99.9	99.9	99.9
8.9	37.2	3086.3	700.0	-8.30	59.9	999.9	99.9	99.9	99.9	303.2	309.9	99.9	99.9	99.9	99.9
10.0	40.1	3376.0	675.0	-2.00	99.9	999.9	99.9	99.9	99.9	303.4	309.9	99.9	99.9	99.9	99.9
11.0	42.9	3674.8	650.0	-3.60	59.9	999.9	99.9	99.9	99.9	305.4	309.9	99.9	99.9	99.9	99.9
12.0	45.8	3963.6	625.0	-5.30	59.9	999.9	99.9	99.9	99.9	308.0	309.9	99.9	99.9	99.9	99.9
13.1	47.8	4302.9	600.0	-7.00	99.9	999.9	99.9	99.9	99.9	308.0	309.9	99.9	99.9	99.9	99.9
14.2	51.8	4633.6	575.0	-8.70	99.9	999.9	99.9	99.9	99.9	308.2	309.9	99.9	99.9	99.9	99.9
15.5	54.9	4976.8	550.0	-11.5	11.5	999.9	99.9	99.9	99.9	310.4	319.1	2.9	100.5	10.6	131.0
16.8	58.0	5332.9	525.0	-13.3	-13.3	267.3	23.0	23.0	1.1	312.8	319.5	2.6	100.5	11.9	126.0
18.3	61.3	5702.7	500.0	-16.2	-16.4	267.4	25.8	25.7	1.2	313.3	319.9	2.1	98.7	13.7	120.0
19.6	64.6	6088.2	475.0	-18.6	-19.3	270.7	28.6	28.6	-0.3	314.9	320.4	1.7	94.5	15.5	116.0
21.0	68.0	6468.0	450.0	-21.4	-22.5	278.1	29.9	29.6	-4.1	315.7	320.2	1.4	94.8	17.6	113.0
22.5	71.4	6906.5	425.0	-25.1	-26.5	282.2	30.6	30.0	-6.5	316.9	320.3	1.0	87.9	20.4	111.0
24.3	75.1	7344.3	400.0	-28.6	-33.2	287.3	30.4	29.0	-9.1	317.4	319.9	0.6	64.2	23.4	110.0
25.9	79.9	7803.4	375.0	-32.2	-37.3	293.2	30.7	31.9	-13.7	318.5	320.4	0.4	60.4	26.7	111.0
27.8	82.7	8264.4	350.0	-36.1	-42.1	298.2	30.9	33.6	-18.1	320.1	321.1	0.3	53.4	30.7	111.0
29.9	85.8	8797.8	325.0	-39.6	-46.4	291.5	42.8	39.6	-19.6	323.1	325.8	0.2	47.5	34.7	111.0
31.8	91.0	9340.3	300.0	-43.8	99.9	291.2	47.5	44.3	-17.1	323.6	329.9	99.9	99.9	40.8	111.0
34.2	95.5	9919.3	275.0	-48.5	99.9	287.3	47.4	45.2	-14.1	325.0	329.9	99.9	99.9	47.8	111.0
35.8	100.2	10539.2	250.0	-54.0	99.9	284.6	48.40	46.8	-12.2	325.8	329.9	99.9	99.9	52.9	109.0
39.5	105.2	11206.4	225.0	-59.6	99.9	280.5	44.00	43.3	-8.0	327.2	329.9	99.9	99.9	62.9	109.0
42.3	110.6	11941.4	200.0	-59.4	99.9	288.1	43.16	41.8	-13.4	330.4	329.9	99.9	99.9	69.4	109.0
43.0	116.5	12773.9	175.0	-61.0	99.9	294.9	38.50	38.9	-10.2	340.2	329.9	99.9	99.9	77.8	109.0
49.0	122.8	13733.4	150.0	-68.1	99.9	287.6	28.70	28.4	-8.4	364.6	329.9	99.9	99.9	84.4	109.0
53.2	130.0	14871.0	125.0	-59.2	99.9	291.4	28.00	27.0	-10.6	387.7	329.9	99.9	99.9	91.5	110.0
58.0	139.0	16272.1	100.0	-60.3	99.9	999.9	99.9	99.9	99.9	411.2	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
SAGE, ORLANCHA
26 APRIL 1979
010 GMT

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DEG C	CEB PT DEG C	DIR DEG	SPEED M/SEC	U CCOMP M/SEC	V COMP M/SEC	POT AT DEG K	E POT T DEG K	MR RTD CM/KG	RM PCV	RANGE AZ KM	123 103. 0
3.0	13.1	670.0	938.5	10.1	5.9	360.0	0.0	0.0	0.0	288.4	304.0	6.2	75.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.3	14.4	759.0	925.0	11.1	4.6	599.9	99.9	99.9	99.9	290.6	306.1	5.8	64.5	999.9	999.9
1.2	16.7	1027.7	900.0	10.2	2.4	999.9	99.9	99.9	99.9	292.1	305.8	5.1	58.3	999.9	999.9
2.1	19.2	1261.9	875.0	10.4	-3.0	999.9	99.9	99.9	99.9	294.6	304.4	3.5	58.7	999.9	999.9
3.0	21.6	1502.8	850.0	5.8	-3.0	999.9	99.9	99.9	99.9	296.4	306.5	3.6	40.7	999.9	999.9
3.9	24.1	1758.0	825.0	6.8	-6.4	4.8	14.1	-1.2	-14.1	297.5	306.2	2.9	33.4	2.2	191.
4.9	26.6	2004.1	800.0	7.4	-11.6	4.6	15.8	-1.3	-15.8	299.1	304.8	2.0	24.3	3.2	189.
5.9	29.2	2264.5	775.0	9.6	-12.1	358.3	14.4	0.4	-14.4	299.6	305.6	2.0	26.7	4.0	187.
6.9	31.8	2531.7	750.0	3.9	-14.1	359.2	13.4	2.5	-13.2	300.6	305.9	1.7	25.4	4.7	186.
7.9	34.4	2806.1	725.0	1.9	-15.5	344.5	14.9	4.0	-14.4	301.4	306.4	1.6	26.1	5.5	182.
9.9	37.1	3087.7	700.0	-8.9	-14.8	346.6	15.8	3.5	-14.6	301.8	306.7	1.7	33.9	6.4	180.
9.9	39.8	3376.7	675.0	-3.5	-11.3	342.7	13.6	4.1	-13.2	301.7	308.8	2.4	54.9	7.4	178.
11.0	42.6	3674.2	650.0	-5.0	-6.2	317.5	14.5	9.8	-10.7	303.3	314.0	3.7	91.4	8.2	176.
12.2	45.3	3982.9	625.0	-5.4	-5.4	286.6	17.8	16.9	-5.7	306.2	318.1	4.1	101.0	8.8	170.
13.3	49.3	4302.7	600.0	-7.4	-7.4	283.8	21.3	20.7	-4.7	307.4	318.4	3.7	102.2	9.4	163.
14.4	51.2	4623.5	575.0	-9.6	-9.6	280.0	23.6	23.3	-4.1	308.6	318.4	3.2	101.9	10.2	155.
15.4	54.3	4976.3	550.0	-11.4	-11.4	278.2	24.8	24.7	-2.7	310.8	319.4	2.9	101.6	11.1	149.
16.6	57.3	5332.7	525.0	-13.2	-13.2	274.9	26.3	26.2	-2.3	312.6	320.7	2.6	100.4	12.3	142.
17.8	60.4	5702.8	500.0	-15.7	-16.0	273.4	27.7	27.7	-1.7	314.0	320.8	2.2	97.5	13.6	136.
19.0	63.7	6088.5	475.0	-18.0	-18.7	278.5	31.2	30.8	-4.6	315.7	321.5	1.8	94.4	15.3	131.
20.3	67.0	6490.6	450.0	-21.2	-21.5	278.5	38.9	30.5	-4.6	316.0	321.5	1.5	97.2	17.5	126.
22.0	70.4	6910.4	425.0	-24.4	-26.0	278.6	32.0	31.7	-4.8	317.6	321.3	1.1	86.1	20.3	122.
23.6	74.0	7349.3	400.0	-27.8	-31.3	278.3	31.9	31.5	-4.6	318.8	321.2	0.7	71.9	23.0	119.
25.3	77.7	7810.2	375.0	-31.2	-36.3	285.2	35.1	33.9	-9.2	320.3	321.9	0.4	60.2	26.4	117.
27.0	81.5	8295.7	350.0	-34.9	-41.4	289.0	38.9	36.7	-12.7	321.7	322.8	0.3	51.2	30.1	116.
28.9	85.5	8909.7	325.0	-37.8	-46.0	290.1	46.1	43.3	-15.8	324.2	325.2	0.2	41.7	34.9	115.
31.0	89.7	9355.7	300.0	-42.7	99.9	292.2	50.4	46.7	-19.1	325.1	329.9	99.9	999.9	41.0	114.
33.1	94.0	9936.6	275.0	-47.8	99.9	292.6	46.5	43.0	-17.8	326.8	329.9	99.9	999.9	47.2	114.
35.4	99.7	10558.7	250.0	-52.9	99.9	289.9	46.74	43.9	-15.9	327.6	329.9	99.9	999.9	53.5	114.
37.6	103.6	11230.4	225.0	-57.5	99.9	283.2	49.78	48.4	-11.3	330.4	329.9	99.9	999.9	59.7	113.
40.4	109.0	11968.9	200.0	-60.4	99.9	999.9	99.9	99.9	99.9	337.1	329.9	99.9	999.9	999.9	999.9
43.4	114.9	12802.8	175.0	-59.3	99.9	999.9	99.9	99.9	99.9	352.8	329.9	99.9	999.9	999.9	999.9
47.2	121.3	13769.9	150.0	-58.2	99.9	999.9	99.9	99.9	99.9	369.8	329.9	99.9	999.9	999.9	999.9
51.2	129.3	14912.1	125.0	-60.6	99.9	999.9	99.9	99.9	99.9	385.3	329.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CAGE, OKLAHOMA26 APRIL 1979
1125 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POF T DEG K	E POT B DEG K	RM RTO GM/KG	RM PCY	RANGE KM	AZ DEG
3.0	11.2	678.0	939.0	9.8	6.2	360.0	0.8	0.0	0.0	268.1	304.7	6.3	78.0	0.0	0.
93.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
93.9	93.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
93.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.3	12.5	803.0	923.0	5.6	3.8	34.4	2.6	-1.5	-2.2	269.1	303.6	5.5	67.4	0.2	233.
1.4	15.0	1029.9	900.0	7.9	3.2	39.1	3.4	-2.3	-3.8	289.6	303.9	5.4	72.3	0.3	235.
2.4	17.4	1262.5	875.0	7.7	2.7	20.3	5.7	-2.0	-5.3	291.8	306.1	5.3	70.8	0.6	226.
3.3	19.9	1501.7	850.0	7.7	0.0	2.5	7.8	-0.3	-7.8	294.2	306.6	4.5	58.3	0.9	212.
4.2	22.3	1747.7	825.0	6.8	-2.4	333.7	8.7	1.0	-8.7	295.2	306.7	3.9	51.9	1.3	200.
5.2	24.9	2000.0	800.0	5.7	-9.2	333.2	9.3	1.1	-9.2	297.2	304.6	2.8	36.0	1.8	192.
6.4	27.4	2258.2	775.0	4.5	-10.0	330.1	18.3	1.9	-10.7	298.7	305.4	2.3	33.8	2.5	187.
7.4	30.1	2525.3	750.0	2.5	-11.6	333.3	12.8	1.5	-12.7	299.3	305.5	2.1	34.4	3.2	183.
9.5	32.7	2792.7	725.0	0.7	-13.0	336.8	13.4	0.8	-13.4	300.2	306.0	1.9	35.0	4.0	181.
9.6	35.4	3079.1	700.0	-1.8	-14.9	350.0	12.6	2.2	-12.4	300.5	305.6	1.7	35.9	4.9	180.
10.7	38.1	3367.1	675.0	-4.2	-15.8	339.2	11.6	4.1	-10.8	301.0	305.9	1.6	38.6	5.7	178.
11.9	43.9	3623.6	650.0	-6.3	-17.4	334.7	13.4	5.7	-12.1	301.6	306.4	1.5	40.9	6.4	175.
13.0	43.8	3562.7	625.0	-9.4	-17.2	330.2	14.5	7.2	-12.6	301.7	306.5	1.6	52.8	7.4	172.
14.3	46.7	4283.5	600.0	-10.6	-18.8	211.7	14.6	10.4	-9.7	303.5	312.1	2.8	99.9	8.3	169.
15.5	48.6	4618.7	575.0	-11.6	-22.6	222.6	17.0	15.7	-6.5	306.4	314.5	2.7	101.9	9.1	157.
16.7	52.6	4951.3	550.0	-12.4	-24.4	279.1	20.3	20.0	-3.2	309.4	317.5	2.7	101.8	9.9	153.
17.1	53.5	5305.6	525.0	-14.6	-26.8	281.7	22.8	22.3	-3.4	310.5	318.0	2.3	100.5	10.8	149.
17.1	53.9	5573.9	500.0	-16.9	-28.9	273.3	27.3	26.5	-6.5	312.4	316.7	2.0	99.7	12.0	143.
21.7	62.0	6057.2	475.0	-19.3	-20.1	282.4	32.1	31.4	-6.9	314.8	319.2	1.6	93.8	14.3	136.
22.4	63.4	6457.5	450.0	-22.4	-23.9	280.7	34.4	33.8	-6.4	315.1	319.0	1.2	87.7	17.1	130.
23.7	63.9	6574.9	425.0	-25.8	-26.8	281.7	36.2	35.5	-7.3	315.9	319.2	1.0	91.3	19.8	126.
25.2	72.4	7312.5	400.0	-28.3	-23.2	283.6	37.9	36.8	-8.9	318.3	320.3	0.6	63.0	22.7	125.
27.1	76.1	7771.8	375.0	-31.7	-46.1	285.8	36.2	34.8	-9.9	319.7	320.3	0.2	22.3	26.7	120.
27.0	90.0	8256.4	350.0	-35.2	-44.7	247.3	41.6	39.7	-12.4	321.2	322.0	0.2	36.6	31.2	116.
31.1	83.8	8770.8	325.0	-38.2	-46.5	293.3	43.1	41.0	-13.5	324.1	324.7	0.2	40.7	36.3	116.
33.6	88.0	9316.1	300.0	-42.7	59.9	290.6	39.8	37.3	-14.0	325.2	325.2	99.9	999.9	43.0	115.
35.3	92.4	9857.7	275.0	-47.4	99.9	291.7	39.0	36.2	-14.4	326.6	326.6	99.9	999.9	46.9	115.
39.0	97.0	10520.7	250.0	-52.3	99.9	288.1	41.58	39.4	-12.9	328.4	328.4	99.9	999.9	55.5	114.
41.9	102.0	11193.4	225.0	-57.2	99.9	283.0	39.28	38.8	-9.0	330.5	329.9	99.9	999.9	62.3	113.
45.1	107.3	11938.5	200.0	-57.0	99.9	291.0	37.34	34.8	-13.3	342.1	342.1	99.9	999.9	69.8	112.
48.8	113.0	12776.0	175.0	-60.3	99.9	292.5	28.88	26.6	-11.0	350.4	349.9	99.9	999.9	77.0	112.
52.6	119.3	13740.7	150.0	-58.2	99.9	292.5	26.78	24.6	-10.2	369.9	369.9	99.9	999.9	83.5	112.
57.1	126.3	14889.0	125.0	-55.2	99.9	293.2	26.38	26.2	-11.2	387.6	387.6	99.9	999.9	90.6	112.
62.4	134.3	16281.6	100.0	-60.3	99.9	999.9	99.9	99.9	99.9	411.2	411.2	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 10
 OTTAWA, IOWA

 25 APRIL 1979
 1107 GMT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MX RTO G/KG	RM PCT	RANGE KM	AZ DEG
0-0	6-1	258-0	1007-0	17-0	14-5	349-0	0-0	0-0	0-0	209-5	316-1	10-4	85-0	0-0	0-0
0-3	6-9	324-2	1000-0	15-1	13-7	282-0	0-2	0-2	-0-0	208-3	313-8	10-0	91-4	0-0	351-0
1-1	9-3	535-9	975-0	17-1	13-5	216-0	2-4	1-4	1-0	292-3	310-5	10-1	79-0	0-0	19-0
2-0	11-7	761-4	950-0	15-5	10-2	225-4	3-4	2-4	2-4	292-9	314-0	0-3	70-9	0-2	30-0
2-8	14-2	987-3	925-0	13-9	9-8	228-3	2-6	1-9	1-7	293-8	315-3	0-3	76-2	0-4	42-0
3-9	16-7	1217-8	900-0	11-3	9-7	227-6	2-4	1-0	1-6	293-4	315-4	0-4	90-1	0-5	43-0
4-9	19-2	1452-0	875-0	9-4	7-6	226-2	2-5	1-0	1-7	293-8	313-5	7-5	88-9	0-7	44-0
5-9	21-0	1694-6	850-0	11-2	3-6	227-0	2-9	1-0	1-7	297-9	314-0	5-9	59-6	0-8	45-0
6-9	24-3	1943-3	825-0	9-4	2-1	222-0	2-8	1-9	2-1	298-5	313-5	5-4	40-1	1-0	45-0
7-0	27-0	2157-9	800-0	8-0	0-0	218-2	3-3	1-9	2-6	299-6	313-1	4-0	51-1	1-2	46-0
8-9	29-7	2459-5	775-0	6-7	-2-7	224-0	3-4	2-4	2-5	301-1	312-6	4-1	51-1	1-4	43-0
9-9	32-3	2722-3	750-0	5-9	-24-6	232-8	3-3	2-6	2-0	302-5	308-6	1-2	15-6	1-6	44-0
10-9	35-1	3002-5	725-0	6-0	-46-3	236-5	3-3	2-0	1-8	306-8	306-3	0-1	1-0	1-8	45-0
12-0	37-9	3291-4	700-0	3-9	-47-5	239-2	3-5	3-0	1-0	306-8	307-1	0-1	1-0	2-0	46-0
13-1	40-8	3585-4	675-0	1-6	-49-0	237-8	3-3	3-0	1-9	307-4	307-7	0-1	1-0	2-2	48-0
14-1	43-6	3887-8	650-0	-0-8	-44-3	234-5	3-4	2-8	2-0	308-1	308-5	0-1	2-1	2-4	49-0
15-3	46-6	4199-1	625-0	-2-8	-20-8	232-9	3-6	2-8	2-1	308-1	311-7	0-2	25-4	2-7	49-0
15-4	49-6	4519-7	600-0	-6-3	-25-5	234-8	3-8	3-1	2-2	308-9	311-3	0-8	20-0	3-2	50-0
17-5	52-6	4850-7	575-0	-5-1	-24-3	234-9	3-8	3-1	2-2	309-3	312-3	0-9	27-9	3-2	50-0
19-7	55-0	5192-2	550-0	-11-1	-39-5	224-2	3-7	2-6	2-6	310-9	311-7	0-2	7-6	3-4	50-0
21-0	59-0	5548-0	525-0	-14-4	-42-8	213-2	4-2	2-3	3-5	311-2	311-0	0-2	6-0	3-7	49-0
21-3	62-3	5910-7	500-0	-16-5	-43-2	209-1	4-1	2-0	3-6	313-0	313-6	0-2	8-5	4-1	47-0
22-6	65-6	6295-4	475-0	-20-4	-26-4	211-2	4-2	2-2	3-6	312-7	315-7	0-9	58-7	4-4	46-0
24-3	67-1	6697-3	450-0	-23-4	-29-3	209-7	4-3	2-1	3-7	313-6	316-3	0-7	58-2	4-8	45-0
25-8	72-7	7113-8	425-0	-25-8	-40-9	206-4	5-1	2-3	4-6	315-5	316-9	0-3	24-8	5-2	43-0
27-3	75-3	7550-2	400-0	-26-1	-42-6	212-2	4-7	2-5	4-0	317-2	318-0	0-2	27-6	6-1	42-0
29-1	82-1	8007-0	375-0	-32-1	-45-4	214-9	4-2	2-4	3-5	317-7	318-4	0-2	25-4	6-5	41-0
30-7	84-0	8482-3	350-0	-37-1	-50-9	215-3	4-4	2-9	3-6	318-7	319-1	0-1	22-1	7-0	41-0
32-5	89-2	8995-6	325-0	-41-9	99-9	221-2	4-9	3-2	3-7	318-9	999-9	99-9	999-9	7-6	41-0
34-4	92-5	9532-4	300-0	-46-7	99-9	220-8	5-0	3-7	3-3	319-6	999-9	99-9	999-9	8-2	42-0
36-4	97-0	10103-6	275-0	-51-5	99-9	234-0	5-1	4-2	3-0	320-2	999-9	99-9	999-9	9-5	44-0
38-8	101-7	10719-7	250-0	-56-5	99-9	232-0	4-8	3-8	2-9	322-0	999-9	99-9	999-9	10-3	45-0
41-0	106-8	11375-8	225-0	-61-7	99-9	239-7	5-5	4-0	2-8	324-0	999-9	99-9	999-9	11-4	43-0
43-6	112-2	12100-3	200-0	-64-4	99-9	220-6	6-0	3-8	4-6	330-2	999-9	99-9	999-9	12-7	42-0
46-5	119-0	12920-1	175-0	-63-1	99-9	208-6	6-7	3-2	5-8	343-5	999-9	99-9	999-9	13-9	40-0
50-1	124-5	13878-5	150-0	-61-4	99-9	212-3	5-8	3-1	4-9	344-4	999-9	99-9	999-9	14-9	40-0
54-0	131-7	15021-2	125-0	-57-1	99-9	999-9	99-9	99-9	99-9	391-8	999-9	99-9	999-9	15-9	40-0
59-9	99-9	99-9	100-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	16-9	40-0
99-9	99-9	99-9	75-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	17-9	40-0
99-9	99-9	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	18-9	40-0
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	19-9	40-0

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 16
OTYOMWA, IONA
25 APRIL 1979
1420 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 17 DG K	E POT 7 DG K	MX RTO CM/KS	RH PCT	RANGE KM	AZ DG
0.0	6.1	252.0	1007.5	20.7	15.0	999.9	99.9	99.9	99.9	293.2	321.2	10.8	70.0	999.9	999.9
0.2	4.7	322.4	1000.0	18.1	15.2	999.9	99.9	99.9	99.9	291.3	319.6	11.0	83.5	999.9	999.9
1.1	9.1	530.9	975.0	16.9	11.4	999.9	99.9	99.9	99.9	292.2	315.0	8.7	69.9	999.9	999.9
2.0	11.4	760.3	950.0	15.3	11.3	999.9	99.9	99.9	99.9	292.7	316.2	8.9	77.3	999.9	999.9
2.9	13.8	986.1	925.0	12.3	11.3	999.9	99.9	99.9	99.9	293.0	317.0	9.2	87.4	999.9	999.9
3.8	16.2	1216.7	900.0	12.0	10.6	999.9	99.9	99.9	99.9	293.2	317.5	9.0	91.4	999.9	999.9
4.8	13.7	1422.6	875.0	10.9	6.3	999.9	99.9	99.9	99.9	293.2	317.7	6.9	73.4	999.9	999.9
5.7	21.1	1694.1	850.0	9.8	4.5	999.9	99.9	99.9	99.9	294.4	313.4	6.3	69.9	999.9	999.9
6.8	23.7	1942.4	825.0	8.8	6.6	999.9	99.9	99.9	99.9	298.0	318.2	7.4	65.8	999.9	999.9
7.8	26.2	2156.8	800.0	7.1	5.4	999.9	99.9	99.9	99.9	299.7	318.1	7.1	69.0	999.9	999.9
8.8	28.9	2457.5	775.0	4.7	3.4	999.9	99.9	99.9	99.9	298.5	316.3	6.3	91.0	999.9	999.9
9.9	31.3	2724.7	750.0	2.4	1.5	999.9	99.9	99.9	99.9	300.3	316.1	5.7	87.0	999.9	999.9
11.1	34.0	2950.8	725.0	4.0	-30.4	999.9	99.9	99.9	99.9	303.2	303.2	0.4	5.9	999.9	999.9
12.3	36.7	3184.4	700.0	2.9	-36.7	999.9	99.9	99.9	99.9	305.7	306.5	0.2	3.5	999.9	999.9
13.5	39.4	3418.8	675.0	1.7	-22.2	999.9	99.9	99.9	99.9	307.1	310.1	1.0	15.4	999.9	999.9
14.6	42.2	3660.3	650.0	-1.0	-21.5	999.9	99.9	99.9	99.9	307.6	311.2	1.0	19.2	999.9	999.9
15.7	45.0	4191.5	625.0	-3.1	-23.5	999.9	99.9	99.9	99.9	308.2	311.1	0.9	19.8	999.9	999.9
16.9	47.9	4512.7	600.0	-6.3	-15.8	999.9	99.9	99.9	99.9	309.6	314.6	1.9	46.8	999.9	999.9
18.2	50.9	4944.2	575.0	-8.7	-16.5	999.9	99.9	99.9	99.9	309.8	315.5	1.8	53.1	999.9	999.9
19.4	53.9	5186.7	550.0	-11.7	-19.8	999.9	99.9	99.9	99.9	310.2	314.7	1.4	51.0	999.9	999.9
20.7	57.0	5502.0	525.0	-13.7	-30.4	999.9	99.9	99.9	99.9	312.0	313.9	0.5	22.6	999.9	999.9
21.9	60.1	5811.3	500.0	-16.5	-31.7	999.9	99.9	99.9	99.9	312.9	314.7	0.5	25.3	999.9	999.9
23.3	63.3	6295.1	475.0	-19.0	-46.2	999.9	99.9	99.9	99.9	314.2	315.1	0.2	9.7	999.9	999.9
25.0	66.7	6695.7	450.0	-21.8	-63.8	999.9	99.9	99.9	99.9	315.8	315.9	0.0	1.0	999.9	999.9
26.4	70.1	7112.6	425.0	-24.9	-65.8	999.9	99.9	99.9	99.9	317.1	317.1	0.0	1.0	999.9	999.9
28.0	73.7	7551.5	400.0	-28.3	-69.1	999.9	99.9	99.9	99.9	318.2	318.2	0.0	1.0	999.9	999.9
29.4	77.3	8010.9	375.0	-32.2	-47.7	999.9	99.9	99.9	99.9	319.0	319.5	0.1	20.3	999.9	999.9
31.1	81.2	8482.9	350.0	-37.0	-43.0	999.9	99.9	99.9	99.9	319.4	319.7	0.2	53.6	999.9	999.9
32.9	85.2	9001.5	325.0	-40.5	99.0	999.9	99.9	99.9	99.9	320.1	320.9	99.9	999.9	999.9	999.9
34.5	89.3	9541.5	300.0	-44.9	99.0	999.9	99.9	99.9	99.9	320.1	320.9	99.9	999.9	999.9	999.9
36.3	93.8	10117.5	275.0	-49.0	99.9	999.9	99.9	99.9	99.9	323.4	323.4	99.9	999.9	999.9	999.9
38.1	98.4	10733.7	250.0	-53.3	99.9	999.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
40.7	93.0	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
42.9	97.0	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
45.0	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
47.0	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
49.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
51.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
53.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
55.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9
57.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	323.9	323.9	99.9	999.9	999.9	999.9

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
99 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
 DATON, NEW MEXICO

 25 APRIL 1970
 1400 EDT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT Y DEG K	WIND GMS/KG	WIND PCT	RANGE KM	AZ DEG
0.0	25.3	1039.0	802.0	4.2	2.1	350.0	7.7	0.0	-7.7	300.0	310.3	5.0	0.0	0.0	0.0
0.0	99.0	99.0	1000.0	59.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	99.0	99.0	825.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.1	25.5	1050.0	800.0	8.7	1.7	350.0	7.7	0.1	-7.7	300.0	315.7	5.0	0.1	0.1	0.0
1.0	25.1	1221.0	775.0	5.5	1.1	350.0	6.5	0.2	-6.5	299.0	314.7	5.0	0.2	0.2	0.0
2.1	30.7	2462.0	750.0	5.0	-1.0	350.0	6.2	2.5	-7.9	292.0	316.1	4.7	0.2	0.2	0.0
3.2	33.3	2767.0	725.0	7.0	-4.7	280.0	7.5	7.2	-2.1	307.0	310.4	3.7	0.2	0.2	0.0
4.0	36.0	3053.0	700.0	5.0	-7.2	270.0	12.5	12.4	-0.1	308.0	310.4	3.2	0.2	0.2	0.0
5.0	39.0	3351.0	675.0	2.0	-8.4	270.0	13.5	13.5	-0.1	309.0	310.4	3.0	0.2	0.2	0.0
6.0	41.8	3657.0	650.0	1.0	-10.6	250.0	16.4	16.4	1.9	312.0	310.4	2.6	0.2	0.2	0.0
7.7	44.0	3972.0	625.0	0.5	-12.0	250.0	20.9	20.2	0.2	313.0	320.2	2.3	0.2	0.2	0.0
8.7	47.5	4290.0	600.0	-1.7	-15.0	250.0	20.9	20.5	0.6	314.0	320.2	1.9	0.2	0.2	0.0
9.0	50.5	4636.0	575.0	-4.4	-17.7	250.0	19.3	19.2	0.1	315.0	320.1	1.6	0.2	0.2	0.0
11.1	53.5	4984.0	550.0	-7.4	-19.4	250.0	18.0	18.4	0.1	317.0	320.1	1.5	0.2	0.2	0.0
12.6	56.6	5345.0	525.0	-9.4	-20.2	250.0	19.1	18.6	0.5	317.0	320.1	1.0	0.2	0.2	0.0
14.1	59.0	5721.0	500.0	-11.2	-20.9	240.0	20.2	18.3	0.6	319.0	320.1	0.7	0.2	0.2	0.0
15.7	63.1	6113.0	475.0	-12.0	-24.5	220.0	20.2	14.4	14.4	322.0	323.0	0.1	0.2	0.2	0.0
17.1	66.6	6523.0	450.0	-16.5	-37.3	220.0	20.2	13.3	15.2	322.0	323.0	0.3	0.2	0.2	0.0
18.7	70.1	6945.0	425.0	-20.0	-40.2	220.0	21.9	15.7	15.2	322.0	323.0	0.2	0.2	0.2	0.0
20.3	73.7	7390.0	400.0	-24.7	-42.9	220.0	22.6	17.6	14.2	322.0	323.0	0.2	0.2	0.2	0.0
21.0	77.4	7860.0	375.0	-28.9	-45.7	220.0	22.6	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
23.6	81.2	8360.0	350.0	-33.5	-48.3	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
25.4	85.3	8835.0	325.0	-38.3	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
27.2	89.5	9300.0	300.0	-43.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
29.1	93.8	9800.0	275.0	-47.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
31.3	98.0	10310.0	250.0	-51.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
33.0	103.0	10820.0	225.0	-55.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
35.3	108.0	11330.0	200.0	-59.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
37.2	114.0	11840.0	175.0	-62.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
42.3	121.0	13790.0	150.0	-66.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
46.4	128.0	14320.0	125.0	-69.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
51.4	136.0	14850.0	100.0	-73.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
57.0	145.0	15380.0	75.0	-77.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
62.0	154.0	15910.0	50.0	-81.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0
67.0	163.0	16440.0	25.0	-85.0	-50.6	220.0	25.4	23.2	19.8	323.0	324.0	0.1	0.2	0.2	0.0

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 18
 RATON, NEW MEXICO

 25 APRIL 1979
 1705 GMT

TIME M/Y	UNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR D°	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT Y DG K	MX RYO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	26.1	1930.0	803.0	12.5	1.2	40.0	10.3	-8.6	-7.9	304.2	319.0	5.2	40.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	26.4	1970.3	800.0	11.4	1.1	26.9	9.2	-4.2	-1.2	303.3	318.0	5.2	49.4	0.1	301.
1.3	29.0	2233.0	775.0	6.7	-0.0	7.3	6.7	-0.0	-3.6	301.0	314.9	4.9	62.1	0.6	182.
2.6	31.7	2501.9	750.0	4.6	-0.7	0.0	5.1	-0.0	-0.0	301.0	315.6	4.9	67.5	1.1	187.
3.7	34.3	2778.9	725.0	5.1	-3.5	283.2	3.0	3.0	-0.7	303.0	316.8	4.1	53.8	1.2	182.
4.6	37.0	3064.5	700.0	3.3	-4.9	239.7	5.3	4.5	2.7	307.1	317.2	3.8	55.1	1.2	176.
5.6	39.5	3352.5	675.0	1.3	-6.4	244.3	8.2	7.4	3.6	308.2	317.3	3.1	56.7	1.1	154.
6.6	42.7	3661.4	650.0	-0.7	-8.6	252.7	12.6	12.0	4.0	309.2	317.3	2.7	54.2	1.3	127.
7.5	45.5	3973.6	625.0	-2.8	-10.8	256.0	16.4	16.0	4.5	310.3	317.3	2.4	54.4	1.9	106.
8.5	48.4	4296.1	600.0	-5.0	-12.6	255.4	18.0	17.4	7.4	312.9	318.0	1.9	44.9	4.3	88.
9.8	51.4	4628.9	575.0	-8.1	-16.1	247.2	20.5	19.0	8.2	315.8	319.0	1.4	37.6	6.5	80.
11.6	54.5	4976.7	550.0	-8.1	-20.0	246.7	20.6	15.0	8.2	317.7	320.5	0.8	22.9	8.5	77.
13.3	57.6	5337.4	525.0	-8.9	-26.2	247.8	21.7	20.0	8.2	319.5	321.7	0.5	14.7	10.4	76.
14.7	60.8	5713.9	500.0	-10.7	-32.5	248.0	24.2	22.5	9.1	321.1	322.7	0.5	17.1	12.3	74.
15.9	64.1	6106.2	475.0	-13.7	-33.4	245.0	25.8	23.3	10.9	321.1	323.0	0.4	18.4	14.3	73.
17.3	67.4	6514.5	450.0	-17.3	-35.6	238.0	24.6	21.0	12.7	321.5	323.3	0.4	26.2	16.5	70.
18.9	71.0	6938.6	425.0	-21.2	-35.4	237.8	23.6	20.4	12.6	321.8	323.5	0.4	37.4	18.6	69.
20.4	74.6	7383.3	400.0	-25.5	-35.7	240.8	23.4	20.4	11.4	321.9	323.5	0.4	36.0	21.1	68.
22.1	78.3	7848.5	375.0	-29.2	-39.8	241.1	25.0	21.9	12.1	323.0	324.1	0.3	46.0	23.9	68.
24.0	82.2	8337.5	350.0	-33.2	-40.8	250.7	27.0	25.5	8.9	323.0	325.0	0.2	36.3	26.7	68.
25.7	86.2	8853.4	325.0	-37.5	-46.9	254.8	30.0	28.9	7.9	323.0	325.6	0.2	36.3	30.4	69.
27.5	90.4	9400.5	300.0	-41.9	-59.9	259.8	35.1	34.5	6.2	323.3	326.7	0.2	36.3	34.6	71.
29.5	94.8	9982.9	275.0	-47.3	-59.9	266.1	36.7	36.5	3.8	326.7	329.9	0.2	36.3	38.9	73.
31.6	99.6	10605.1	250.0	-53.1	-59.9	271.0	34.4	34.4	-0.6	327.1	329.9	0.2	36.3	43.4	75.
33.8	104.6	11274.1	225.0	-57.5	-59.9	279.2	38.4	37.9	-6.2	330.4	329.9	0.2	36.3	48.5	78.
36.3	110.0	12014.6	200.0	-60.0	-59.9	269.2	39.8	39.8	0.5	337.7	329.9	0.2	36.3	54.3	78.
39.1	116.0	12839.7	175.0	-63.6	-59.9	264.0	49.3	49.0	5.1	345.1	329.9	0.2	36.3	64.8	80.
42.2	122.3	13789.9	150.0	-64.2	-59.9	266.9	37.29	37.2	2.9	350.8	329.9	0.2	36.3	71.9	80.
46.2	129.3	14921.0	125.0	-59.2	-59.9	266.7	25.38	25.3	1.8	387.2	329.9	0.2	36.3	99.9	99.9
50.5	137.3	16332.9	100.0	-59.2	-59.9	99.9	99.9	99.9	99.9	413.4	329.9	0.2	36.3	99.9	99.9
99.9	99.9	99.9	75.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NC. 18
RATON, NEW MEXICO

28 APRIL 1979
2007 GMT

TIME MIN	CNCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	Q POT V DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	24.2	1939.0	801.0	16.7	1.6	40.0	5.1	-3.3	-3.9	308.0	324.4	5.4	36.0	0.0	0
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
 RATON, NEW MEXICO

 25 APRIL 1970
 2315 GMT

112 95. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POS Y DEG K	E POS X DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	26.3	1939.0	802.0	10.0	5.2	40.0	7.7	-4.9	-8.9	301.8	320.8	6.9	72.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	26.5	1959.9	800.0	9.9	5.2	39.6	7.7	-4.4	-6.4	301.2	321.1	7.0	72.5	0.1	315.
1.0	29.1	2223.3	775.0	7.9	4.7	20.7	7.4	-2.6	-6.9	302.2	321.6	7.0	80.5	0.6	202.
2.1	31.7	2493.2	750.0	5.5	3.0	31.0	6.2	-3.2	-5.3	302.8	320.3	6.4	84.0	1.1	201.
3.3	34.6	2770.7	725.0	5.0	2.3	101.7	5.7	-3.6	1.2	304.5	322.6	6.3	82.8	1.3	209.
4.3	37.1	3056.6	700.0	2.9	0.9	141.6	8.3	-5.2	0.5	305.7	322.4	5.9	87.0	1.3	230.
5.5	39.9	3350.4	675.0	0.4	-0.6	168.3	9.8	-2.3	9.5	306.2	321.8	5.5	93.0	1.3	258.
7.1	42.7	3653.2	650.0	-0.9	-2.5	203.8	11.9	4.8	10.0	307.5	322.1	4.9	88.8	1.5	302.
3.6	45.5	3966.2	625.0	-2.3	-7.5	228.0	14.7	10.9	9.0	309.5	320.3	3.5	67.1	1.7	345.
9.7	48.4	4288.9	600.0	-5.2	-8.6	229.7	17.0	13.0	11.0	310.1	320.9	3.3	77.1	2.4	9.
11.0	51.4	4622.0	575.0	-7.8	-11.1	236.1	18.8	18.3	11.0	311.7	319.8	2.9	77.1	3.5	24.
12.3	54.9	4964.3	550.0	-10.4	-12.5	239.8	19.8	17.1	10.0	311.7	319.8	2.7	84.4	4.8	34.
13.6	57.4	5323.1	525.0	-12.9	-15.4	247.8	21.3	19.7	8.0	312.5	319.7	2.2	81.6	6.3	41.
15.0	60.6	5693.6	500.0	-15.6	-18.0	249.6	21.9	20.4	8.0	314.1	319.9	1.9	81.4	7.9	48.
16.6	63.9	6078.9	475.0	-17.9	-20.4	249.3	24.5	22.7	9.3	315.9	320.9	1.6	80.1	10.0	52.
18.2	67.3	6481.7	450.0	-20.2	-24.1	249.3	27.8	26.0	9.9	317.8	321.8	1.2	70.9	12.4	55.
19.6	70.7	6903.2	425.0	-22.4	-26.1	256.0	32.5	31.5	7.9	320.3	323.9	1.1	71.9	13.2	58.
21.6	74.3	7345.9	400.0	-25.6	-30.6	260.2	37.6	36.4	6.3	321.7	324.2	0.7	63.0	18.8	63.
23.4	79.0	7809.9	375.0	-29.7	-34.6	259.7	37.6	37.2	6.7	322.2	324.2	0.5	61.6	22.6	66.
25.2	81.7	8258.9	350.0	-32.8	-36.8	262.0	41.7	41.3	5.8	324.5	326.1	0.5	67.2	26.7	68.
27.2	85.7	8818.6	325.0	-37.0	-45.9	264.8	39.2	39.0	3.6	325.7	326.4	0.2	38.8	31.6	70.
27.4	89.7	9364.5	300.0	-41.1	-49.9	266.3	47.5	47.4	3.1	327.4	329.9	99.9	99.9	37.0	73.
31.9	94.2	9951.2	275.0	-45.5	-54.5	268.1	51.4	51.3	3.5	329.4	329.9	99.9	99.9	44.2	75.
34.1	98.7	10579.3	250.0	-51.1	-59.9	268.8	54.5	54.4	3.0	330.2	329.9	99.9	99.9	51.5	76.
36.7	103.6	11254.5	225.0	-57.2	-61.0	269.4	46.9	46.8	0.5	330.8	329.9	99.9	99.9	59.2	78.
39.6	108.8	11992.2	200.0	-61.6	-61.0	259.4	53.7	53.7	0.9	336.2	329.9	99.9	99.9	68.0	79.
42.9	114.5	12626.6	175.0	-57.5	-59.9	256.1	43.9	43.9	-21.5	355.0	329.9	99.9	99.9	80.3	79.
46.6	123.8	13765.6	150.0	-59.4	-59.9	236.6	44.7	30.9	32.4	367.6	329.9	99.9	99.9	84.1	81.
50.7	127.7	14922.2	125.0	-60.2	-59.9	255.7	42.0	42.8	3.2	368.5	329.9	99.9	99.9	94.3	81.
55.8	135.3	16314.7	100.0	-59.2	-59.9	99.9	99.9	99.9	99.9	413.4	329.9	99.9	99.9	99.9	99.9
92.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 * BY SP. ED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TE-P MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
 RATON, NEW MEXICO
 26 APRIL 1979
 200 GAT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DBB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 2 DEG M	POT 3 DEG K	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	24.4	1939.0	803.0	7.1	5.3	50.0	6.2	-6.7	-4.0	298.3	317.3	7.0	88.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	24.8	1980.1	800.0	6.7	5.4	50.8	4.0	-3.5	-2.9	298.3	317.6	7.1	91.5	0.2	261.0
1.1	24.3	2200.6	775.0	4.5	4.1	52.7	3.9	-3.1	-2.4	298.7	316.8	6.6	97.0	0.4	218.0
2.3	24.9	2507.7	750.0	3.8	2.9	57.7	3.2	-3.1	0.4	303.7	316.1	6.3	93.9	0.7	226.0
3.6	32.4	2702.5	725.0	2.7	1.8	166.0	5.7	-1.4	5.6	302.6	319.4	6.0	93.0	0.6	249.0
4.7	35.2	3067.2	700.0	0.9	0.1	182.2	9.2	0.3	9.2	303.8	319.1	5.5	94.7	0.7	233.0
5.9	37.9	3359.3	675.0	-0.8	-1.3	206.5	11.7	5.2	10.5	304.7	319.4	5.2	96.5	1.1	334.0
7.0	40.7	3606.2	650.0	-3.6	-4.3	226.8	14.0	10.2	9.6	306.1	318.4	4.3	87.7	1.7	3.0
9.2	43.4	3970.5	625.0	-4.5	-6.5	237.7	14.0	12.2	7.7	307.3	318.3	3.8	86.0	2.4	21.0
9.4	46.3	4291.0	600.0	-6.0	-8.9	239.6	17.2	14.8	8.7	308.3	317.9	3.2	84.5	3.4	34.0
10.6	49.2	4622.3	575.0	-8.0	-11.1	242.1	17.7	15.7	8.3	309.2	318.2	2.9	83.9	4.6	41.0
12.0	52.2	4955.4	550.0	-11.4	-13.8	247.3	18.2	16.0	7.1	310.4	317.8	2.4	82.0	6.0	46.0
13.3	55.3	5321.1	525.0	-13.7	-16.1	257.6	21.9	20.5	4.5	312.0	318.4	2.1	81.9	7.4	51.0
13.9	58.4	5691.3	500.0	-14.9	-17.2	260.7	26.0	29.7	4.2	314.0	321.1	2.0	82.0	9.4	50.0
16.4	61.6	6078.7	475.0	-16.8	-19.4	262.4	25.7	29.9	3.9	317.2	322.6	1.7	79.1	11.0	63.0
17.7	64.9	6462.3	450.0	-18.8	-23.5	264.0	30.9	30.8	3.2	318.4	322.6	1.3	72.1	14.1	66.0
19.4	68.3	6903.7	425.0	-22.3	-27.3	262.2	33.2	32.9	4.8	319.1	322.3	0.9	69.5	17.1	69.0
21.0	71.7	7346.2	400.0	-27.2	-30.3	264.8	33.6	33.5	3.1	319.6	322.2	0.8	75.3	20.3	72.0
23.0	75.3	7806.0	375.0	-30.0	-33.5	266.2	39.1	39.1	2.6	321.2	323.9	0.4	72.0	24.4	74.0
25.2	79.0	8294.2	350.0	-33.1	-36.6	265.3	48.0	39.9	3.3	324.1	325.3	0.3	51.7	29.7	76.0
27.5	83.0	8811.3	325.0	-36.9	-42.9	267.0	43.5	43.5	2.3	325.9	326.2	0.1	16.9	35.2	78.0
30.2	87.0	9368.1	300.0	-41.0	-49.9	269.8	44.20	44.2	0.2	327.4	329.9	99.9	99.9	42.5	80.0
32.8	91.3	9946.1	275.0	-45.9	-59.9	265.6	34.78	30.6	3.1	328.7	330.9	99.9	99.9	48.8	81.0
35.9	95.8	10572.6	250.0	-51.2	-67.9	263.1	47.10	46.6	5.7	329.5	330.9	99.9	99.9	56.3	81.0
38.9	100.6	11248.0	225.0	-57.4	-77.9	263.3	47.06	46.7	5.7	330.6	330.9	99.9	99.9	65.5	81.0
42.3	105.6	11982.5	200.0	-61.0	-89.9	266.4	63.68	63.4	4.0	335.2	335.9	99.9	99.9	72.8	81.0
4.3	111.2	12812.3	175.0	-68.0	-99.9	292.6	52.78	48.3	-20.1	351.8	359.9	99.9	99.9	86.7	81.0
50.1	117.3	13770.4	150.0	-81.4	-99.9	286.2	55.78	34.3	-9.9	364.3	369.9	99.9	99.9	95.2	83.0
51.1	123.6	14906.4	125.0	-59.9	-99.9	340.0	14.86	5.0	-13.7	386.4	399.9	99.9	99.9	106.1	83.0
61.7	131.3	16289.6	100.0	-65.7	-99.9	267.6	36.10	36.0	1.5	410.6	419.9	99.9	99.9	111.2	83.0
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.4	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
 RAYON, NEW MEXICO

 26 APRIL 1979
 509 GMT

TIME MIN	CNTCY	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	25.9	1939.0	805.0	6.4	4.9	50.0	4.1	-3.1	-2.6	297.3	315.9	6.8	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
95.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
90.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
90.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
90.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	800.0	6.0	3.9	92.6	3.9	-3.8	0.2	297.8	314.9	6.4	99.9	0.1	223.
0.2	26.3	1990.3	775.0	5.3	3.6	144.9	3.3	-1.9	2.7	299.2	317.1	6.4	99.9	0.2	252.
1.1	29.1	2258.3	750.0	3.7	2.7	180.1	5.9	0.0	9.9	300.6	317.9	6.2	92.9	0.3	308.
2.1	31.7	2518.3	725.0	2.3	1.8	157.6	9.0	2.7	6.6	302.0	318.9	6.0	96.2	0.7	348.
3.2	34.4	2793.5	700.0	0.0	-0.6	213.2	10.3	5.6	8.6	302.5	317.4	5.2	95.4	1.3	0.
4.3	37.1	3074.3	675.0	-2.0	-3.0	235.6	10.6	6.3	9.6	303.4	316.4	4.5	92.4	1.9	19.
5.5	39.9	3367.0	650.0	-3.0	-4.0	254.8	11.2	10.8	2.9	305.2	316.8	3.8	80.1	2.4	32.
6.7	42.7	3667.3	625.0	-3.0	-9.1	257.2	13.8	13.5	3.1	306.8	315.9	3.1	72.8	3.3	45.
9.0	45.3	3977.0	600.0	-6.9	-11.9	252.7	15.8	15.1	4.7	308.2	315.9	2.6	67.3	4.2	92.
9.2	49.5	4257.1	575.0	-8.9	-13.1	252.7	16.9	16.1	5.0	309.2	316.9	2.4	71.6	5.3	57.
10.5	51.5	4628.3	550.0	-11.0	-14.8	252.8	18.1	17.3	9.4	311.8	317.8	2.2	73.6	6.7	60.
11.8	54.5	4971.4	525.0	-13.3	-15.4	256.5	21.1	20.5	4.9	312.2	319.3	2.2	84.1	8.1	63.
13.0	57.6	5327.5	500.0	-15.6	-16.2	258.5	23.8	23.3	5.2	314.1	320.8	2.1	94.6	10.0	66.
14.4	62.9	5657.5	475.0	-17.7	-19.0	259.4	26.3	27.8	5.2	316.1	321.6	1.8	99.6	12.5	68.
16.0	64.1	6083.6	450.0	-20.6	-23.2	260.5	28.7	29.9	4.7	317.4	321.6	1.3	79.7	15.2	70.
17.6	67.6	6466.5	425.0	-23.9	-26.2	263.7	30.1	29.9	3.3	318.4	321.6	1.1	80.9	18.0	72.
19.2	71.0	6906.5	400.0	-27.0	-30.0	264.2	31.6	31.5	3.2	319.9	322.5	0.8	76.6	20.9	74.
20.8	74.7	7346.1	375.0	-30.2	-35.3	266.2	30.6	30.5	2.5	321.2	323.3	0.5	60.6	24.7	76.
22.7	78.3	7808.8	350.0	-33.6	-48.8	268.0	39.0	39.0	1.4	323.4	323.9	0.1	20.1	29.4	77.
24.7	82.3	8258.5	325.0	-37.2	-59.0	265.7	43.9	43.8	3.3	325.4	325.6	0.0	8.4	34.8	79.
27.0	86.3	8813.0	300.0	-41.6	99.9	266.9	44.39	44.2	2.4	326.7	326.7	99.9	99.9	40.5	80.
29.0	90.5	9361.3	275.0	-46.8	99.9	268.1	44.08	44.0	1.4	327.2	327.2	99.9	99.9	46.9	81.
31.4	95.0	9944.7	250.0	-52.3	99.9	266.9	41.39	41.2	2.2	328.3	328.3	99.9	99.9	54.2	82.
34.5	99.8	10568.9	225.0	-57.3	99.9	258.2	43.29	42.3	8.6	330.7	330.7	99.9	99.9	61.4	82.
37.3	104.8	11242.6	200.0	-68.6	99.9	256.8	54.08	52.5	12.3	336.8	336.8	99.9	99.9	69.7	81.
40.0	110.0	11980.7	175.0	-59.1	99.9	259.9	99.9	99.9	99.9	352.3	352.3	99.9	99.9	999.9	999.9
43.4	116.0	12814.9	150.0	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
RATON, NEW MEXICO
26 APRIL 1979
008 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG K	WZ WTS CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	25.9	1939.0	805.0	6.5	5.0	220.0	4.1	2.6	3.1	297.6	316.1	6.8	90.0	0.6	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	25.9	1990.2	800.0	5.9	4.7	195.5	4.3	1.2	4.1	297.6	315.7	6.7	91.6	0.1	16.
1.2	28.5	2249.9	775.0	3.9	2.9	183.1	5.1	0.3	5.1	298.0	314.8	6.1	93.0	0.4	13.
2.2	31.1	2515.8	750.0	2.0	1.2	181.5	7.0	0.2	7.0	298.8	314.3	5.6	96.5	0.7	6.
3.1	33.0	2789.2	725.0	0.8	0.1	200.9	9.3	3.3	8.7	300.4	315.2	5.3	94.8	1.2	7.
4.2	36.4	3071.2	700.0	-0.5	-1.2	223.6	8.3	5.7	6.0	301.6	316.1	5.0	95.3	1.7	15.
5.4	39.2	3361.3	675.0	-2.7	-3.9	254.8	8.0	7.7	2.1	302.6	314.8	4.3	91.6	2.1	24.
6.6	42.0	3659.8	650.0	-4.2	-8.3	256.5	10.3	10.0	2.4	304.2	313.4	3.1	73.0	2.6	37.
7.9	44.6	3958.4	625.0	-6.2	-10.1	257.4	12.6	12.3	2.5	305.4	313.8	2.8	73.4	3.3	47.
9.3	47.9	4266.7	600.0	-8.0	-12.4	257.4	15.8	15.4	3.5	306.9	314.3	2.5	70.1	4.4	55.
10.6	50.8	4518.1	575.0	-8.3	-14.3	262.7	20.8	20.7	2.6	310.3	317.1	2.2	61.7	5.7	61.
11.7	53.8	4962.1	550.0	-10.2	-16.8	264.8	24.1	24.0	2.2	312.0	318.8	2.2	68.9	7.1	66.
12.9	56.9	5319.6	525.0	-12.3	-18.5	260.6	25.5	25.2	4.2	313.7	319.0	1.7	59.8	8.9	70.
14.3	60.0	5698.9	500.0	-14.9	-23.3	260.6	24.0	24.4	4.0	314.6	318.8	1.2	48.6	10.9	71.
15.7	63.4	6076.6	475.0	-16.3	-25.0	259.8	26.1	25.7	4.6	315.4	318.8	1.0	55.1	13.0	73.
17.2	66.7	6478.5	450.0	-18.8	-27.1	254.9	27.6	26.6	7.2	317.1	320.8	1.1	48.1	15.3	74.
18.9	70.1	6855.5	425.0	-23.2	-28.8	260.0	30.2	29.7	5.2	319.3	322.0	0.8	59.7	18.3	74.
20.6	73.0	7350.4	400.0	-26.7	-33.0	265.5	31.6	31.5	2.5	320.4	322.4	0.6	54.8	21.4	75.
22.3	77.5	7884.3	375.0	-29.0	-51.5	266.5	35.8	35.7	2.2	323.3	323.6	0.1	10.3	24.6	77.
24.0	81.3	8295.3	350.0	-32.2	-51.3	266.0	37.7	37.6	2.6	325.4	325.8	0.1	14.7	28.5	78.
25.9	85.3	8813.8	325.0	-36.2	-56.7	268.0	39.4	39.4	1.4	326.6	327.0	0.1	10.2	32.9	79.
27.9	89.5	9343.6	300.0	-41.0	-59.9	269.9	44.1	44.1	0.1	327.6	327.9	99.9	99.9	37.9	81.
30.1	94.0	9948.2	275.0	-46.6	-59.9	271.7	42.4	42.3	-1.3	327.7	327.9	99.9	99.9	43.5	82.
32.5	99.6	10573.9	250.0	-51.6	-59.9	266.8	41.8	40.9	2.3	329.4	329.9	99.9	99.9	49.5	83.
35.0	103.6	11249.3	225.0	-57.1	-59.9	260.7	41.3	40.7	6.7	331.8	331.8	99.9	99.9	55.8	83.
37.7	109.0	11986.6	200.0	-61.5	-59.9	255.2	36.4	35.2	9.3	335.4	335.4	99.9	99.9	62.0	83.
41.0	114.8	12616.8	175.0	-60.1	-59.9	261.7	44.9	44.5	6.5	350.7	350.7	99.9	99.9	69.4	82.
44.6	121.3	13779.3	150.0	-62.4	-59.9	271.5	39.9	39.9	-1.1	352.7	352.7	99.9	99.9	77.2	83.
49.0	129.3	14507.9	125.0	-58.6	-59.9	276.5	25.1	25.1	-2.9	388.8	388.8	99.9	99.9	87.4	84.
53.8	136.3	16293.9	100.0	-62.9	-59.9	99.9	99.9	99.9	99.9	404.3	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	-69.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
 RAZON, NEW MEXICO

 26 APRIL 1970
 1111 GMT

TIME MIN	CNTCT	HEIGHT GEN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDY T DEG K	E PDY T DEG K	WIND RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	25.6	1939.0	805.1	6.1	4.4	220.0	5.1	3.3	3.9	297.1	315.0	5.6	89.0	0.0	0
0.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	95.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	26.0	1991.1	800.0	4.9	4.0	183.0	2.8	0.1	2.5	296.4	313.8	6.4	93.3	0.1	22
1.0	25.6	2245.8	775.0	2.8	2.4	168.7	2.9	-0.5	2.5	296.8	312.9	5.9	97.1	0.2	18
2.0	31.2	2517.0	750.0	1.5	1.1	172.3	3.0	-0.3	1.9	298.2	313.5	5.6	97.5	0.3	357
2.9	34.0	2787.8	725.0	0.2	-0.1	210.8	3.1	1.6	2.7	299.6	314.2	5.2	97.9	0.4	357
1.9	36.8	3068.1	700.0	-2.1	-18.6	254.7	8.0	7.7	2.1	300.2	304.6	1.5	31.6	0.6	29
5.0	39.6	3357.1	675.0	-2.6	-16.4	263.9	10.4	10.3	1.1	302.7	306.7	1.3	27.7	1.1	53
6.1	42.4	3655.1	650.0	-4.9	-16.4	266.0	12.0	12.0	0.8	303.4	308.3	1.6	39.5	1.8	68
7.3	45.3	3962.6	625.0	-6.7	-16.7	272.1	14.5	14.5	-0.5	304.8	309.8	1.7	44.8	2.7	75
9.6	49.2	4280.5	600.0	-8.4	-18.2	274.1	17.4	17.3	-1.2	306.5	315.2	1.5	46.8	3.8	81
9.9	51.3	4618.2	575.0	-9.4	-18.7	280.3	21.1	23.1	0.7	309.8	315.2	2.0	62.7	5.4	84
11.1	54.3	4953.1	550.0	-11.0	-18.1	288.1	24.8	26.5	0.9	311.4	316.3	1.7	55.6	7.3	85
12.6	57.5	5302.6	525.0	-14.2	-18.4	289.8	28.7	28.7	0.1	311.4	316.7	1.7	70.9	9.6	86
13.7	63.8	5678.8	500.0	-17.1	-20.0	287.3	28.4	28.3	1.3	312.2	317.2	1.6	77.7	11.4	86
15.0	64.0	6060.1	475.0	-18.5	-24.8	283.3	30.7	30.5	3.6	315.1	318.6	1.1	57.6	13.7	86
16.4	67.4	6462.3	450.0	-20.7	-26.6	281.5	31.9	31.5	4.7	317.2	320.3	1.0	58.9	16.4	85
17.9	71.0	6881.7	425.0	-24.5	-48.1	285.1	30.6	30.5	2.6	317.6	318.0	0.1	9.0	19.2	85
19.6	74.6	7321.0	400.0	-27.2	-67.3	285.6	32.5	32.4	2.5	319.7	319.7	0.0	14.4	22.4	85
21.0	78.3	7783.8	375.0	-29.5	-68.3	282.0	35.1	34.7	4.9	322.6	323.1	0.1	23.6	26.5	85
23.6	82.1	8272.4	350.0	-33.4	-44.0	282.9	38.4	38.1	4.7	323.7	324.5	0.2	33.3	30.7	85
25.7	86.3	8762.4	325.0	-37.6	-50.7	283.7	38.2	38.0	4.2	324.9	325.3	0.1	23.6	35.6	84
28.2	90.6	9355.2	300.0	-42.1	99.9	286.6	36.38	38.2	2.3	326.1	329.9	99.9	99.9	41.1	85
31.6	95.0	9917.7	275.0	-47.2	99.9	283.3	39.19	38.8	4.6	326.8	329.9	99.9	99.9	47.1	85
33.1	99.7	10541.6	250.0	-52.3	99.9	99.9	99.9	99.9	99.9	328.4	329.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
OXFORD, MISSISSIPPI26 APRIL 1979
205 GMT

115 103. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.4	125.0	992.5	15.4	17.9	999.9	5.1	99.9	99.9	293.2	327.1	13.1	91.8	0.0	0.
9.9	9.9	99.9	1000.0	50.9	59.9	999.9	99.9	99.9	99.9	59.9	599.9	99.9	999.9	999.9	999.9
9.9	9.9	277.4	975.0	16.9	14.9	999.9	99.9	99.9	99.9	292.2	320.8	11.0	95.1	999.9	999.9
1.5	11.0	458.8	950.0	15.1	13.1	141.7	5.9	-3.4	4.6	292.5	318.6	10.0	97.8	0.5	313.
2.4	13.2	724.7	925.0	13.7	12.7	151.1	4.7	-2.2	4.1	293.3	319.6	10.1	93.9	0.8	318.
3.1	15.4	956.2	900.0	13.4	10.3	180.9	2.9	0.0	2.9	295.4	318.7	8.8	81.1	1.0	321.
4.1	17.6	1193.3	875.0	12.0	10.4	228.0	1.9	1.4	1.3	296.2	320.4	9.1	89.9	1.0	328.
5.1	19.8	1426.0	850.0	10.6	8.9	212.0	2.1	1.1	1.8	297.3	320.0	8.5	89.0	1.0	338.
6.0	22.2	1685.0	825.0	9.5	6.8	255.8	2.0	1.9	0.5	298.7	319.1	7.5	83.0	1.1	338.
7.0	24.5	1940.5	800.0	8.0	-0.1	281.6	3.7	2.3	-1.9	300.2	314.2	4.8	52.6	1.0	343.
7.9	26.8	2203.0	775.0	6.0	-15.1	241.6	7.1	2.3	-6.8	302.6	307.6	1.6	18.1	0.7	345.
8.0	29.2	2474.1	750.0	7.1	-20.0	248.2	10.0	2.0	-9.8	304.3	307.6	1.0	12.3	0.2	327.
10.0	31.6	2750.7	725.0	5.1	-20.2	258.2	10.3	1.0	-10.2	305.0	308.4	1.1	14.1	0.5	173.
11.1	34.0	3035.9	700.0	3.5	-13.6	257.5	11.7	0.5	-11.7	306.4	312.2	1.9	27.2	1.2	175.
12.1	36.5	3330.2	675.0	1.4	-13.9	259.3	12.6	0.2	-12.6	307.2	313.2	2.0	31.1	2.0	176.
13.2	39.0	3632.8	650.0	-0.5	-20.1	257.6	13.4	0.6	-13.4	308.2	312.2	1.2	20.9	2.8	177.
14.3	41.5	3942.4	625.0	-2.6	-21.0	252.3	13.4	1.8	-13.3	309.2	313.1	1.1	22.7	3.8	177.
15.7	43.2	4207.5	600.0	-5.2	-21.5	253.6	13.1	1.5	-13.0	310.2	313.8	1.1	26.2	4.8	176.
16.9	45.9	4600.3	575.0	-7.4	-26.6	255.9	11.5	0.8	-11.4	311.4	313.8	0.8	19.7	5.7	176.
18.1	48.7	4945.1	550.0	-9.6	-30.8	257.4	12.4	0.6	-12.4	312.7	314.5	0.5	15.7	6.5	176.
19.4	52.4	5302.6	525.0	-12.1	-33.4	25.6	11.1	-1.1	-11.1	313.5	315.4	0.4	14.9	7.4	176.
20.6	55.3	5673.0	500.0	-15.1	-31.1	6.9	11.1	-1.3	-11.0	314.7	316.6	0.6	23.8	8.2	178.
21.9	58.1	6059.1	475.0	-18.2	-32.3	1.5	10.2	-0.3	-10.8	315.4	317.2	0.5	27.6	9.1	178.
23.3	61.2	6400.4	450.0	-21.2	-41.1	355.1	9.2	0.8	-9.2	316.4	317.5	0.2	14.6	9.9	178.
24.7	64.3	6880.7	425.0	-23.3	-43.1	250.3	7.7	1.3	-7.6	319.1	319.8	0.2	14.0	10.6	178.
26.1	67.5	7321.1	400.0	-27.2	-46.2	342.8	7.8	2.3	-7.5	319.7	320.3	0.1	14.4	11.3	177.
28.0	70.8	7783.0	375.0	-30.4	-48.7	341.9	8.7	2.7	-8.3	321.4	321.8	0.1	14.7	12.1	176.
29.7	74.1	8270.0	350.0	-34.0	-51.5	343.7	6.9	1.7	-6.7	322.9	323.3	0.1	15.0	13.0	175.
31.4	77.7	8785.4	325.0	-37.5	-48.1	338.4	2.9	1.2	-2.6	325.0	325.6	0.1	32.3	13.5	175.
33.2	81.3	9333.9	300.0	-41.4	-55.9	145.8	4.7	-2.7	3.9	327.1	329.9	99.9	999.9	13.3	176.
35.2	85.1	9818.7	275.0	-46.2	-60.9	166.7	5.9	-1.1	5.7	328.3	329.9	99.9	999.9	12.6	177.
37.3	89.3	10544.2	250.0	-52.1	-59.9	166.5	8.7	-2.0	8.5	328.7	329.9	99.9	999.9	11.8	177.
39.7	93.7	11210.9	225.0	-58.0	-57.9	161.7	14.5	-4.6	13.8	329.7	329.9	99.9	999.9	10.2	179.
42.3	98.4	11949.3	200.0	-63.2	-59.9	175.7	14.4	-1.1	14.4	332.7	332.7	99.9	999.9	7.8	185.
44.7	103.4	12764.8	175.0	-68.2	-59.9	210.6	9.3	4.8	5.8	342.4	342.4	99.9	999.9	6.3	182.
47.4	108.8	13701.2	150.0	-65.1	-59.9	235.2	10.2	8.4	5.8	358.0	358.0	99.9	999.9	5.4	171.
50.7	114.9	14818.4	125.0	-62.3	-59.9	999.9	99.9	99.9	99.9	382.1	382.1	99.9	999.9	5.1	150.
52.9	92.9	59.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
54.9	92.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
56.9	92.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
58.9	92.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

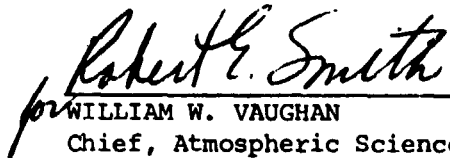
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG


APPROVAL

AVE-SESAME III: 25-MB SOUNDING DATA

By Steven F. Williams, Myron L. Gerhard,
Luke P. Gilchrist, and Robert E. Turner

The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.


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